

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☒Multiple  
Zone ☐

2. Name of Operator

Wildrose Resources Corporation

3. Address of Operator

2555 Cherryridge Road, Englewood, CO 80110 PH: 303-761-9831

4. Location of Well (Report location clearly and in accordance with any State Requirements.)

At surface

2018' FNL & 1068' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$ )

At proposed prod. zone

Same

NOV 08 1985

7. Unit Agreement Name

8. Farm or Lease Name

Rex Lamb

9. Well No.

34-2

10. Field and Pool, or Wildcat

Unnamed WILLOCAT

11. Sec., T., R., M., or Blk.  
and Survey or Area

Sec 34 - T4S - R1E

14. Distance in miles and direction from nearest town or post office\*

25 miles southeast of Myton, Utah

DIVISION OF OIL

GAS &amp; MINING

12. County or Parrish

Uintah

13. State

Utah

15. Distance from proposed\*

location to nearest

property or lease line, ft.

(Also to nearest drlg. line, if any)

lease line - 1068'

drlg line - 252'

16. No. of acres in lease

331

17. No. of acres assigned  
to this well

40

18. Distance from proposed location\*

to nearest well, drilling, completed,  
or applied for, on this lease, ft.

1069'

19. Proposed depth

6400'

Wanted

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4932' GR

22. Approx. date work will start\*

November 20, 1985

## 23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12- $\frac{1}{4}$ "	8-5/8"	24#	300'	225 sx
7-7/8"	5-1/2"	14 & 15 $\frac{1}{2}$ #	6400'	1000 sx

LEASE DESCRIPTION: Township 4 South, Range 1 East, U.S.M., Section 34: All, (331 acres)

EXHIBITS ATTACHED: A - Location and Elevation Plat  
B - Ten Point Plan - Drilling Program  
C - Blowout Preventer Diagram  
D - Topo Map  
- Well Bond

WATER: The water hauler will be Curry Leasing. The Water Permit number is 47-1711.

EXCEPTION LOCATION: Wildrose Resources Corp. is requesting an exception location for this well due to topography problems. The proposed drill site is 252' from the west quarter-quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$ ) line because of a butte running through the middle of this quarter-quarter. (See topo map). The closest lease line is 1068' to the east of the proposed drill site, so no lease lines are being affected. The closest well to the proposed drill site on this lease is 1069' to the west. This certifies that all lands within 500' of the proposed location are owned by Wildrose Resources Corporation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed



Title Vice President

Date November 6, 1985

(This space for Federal or State office use)

Permit No.

43-047-31692

Approval Date

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Approved by

Title

DATE: 11/19/85

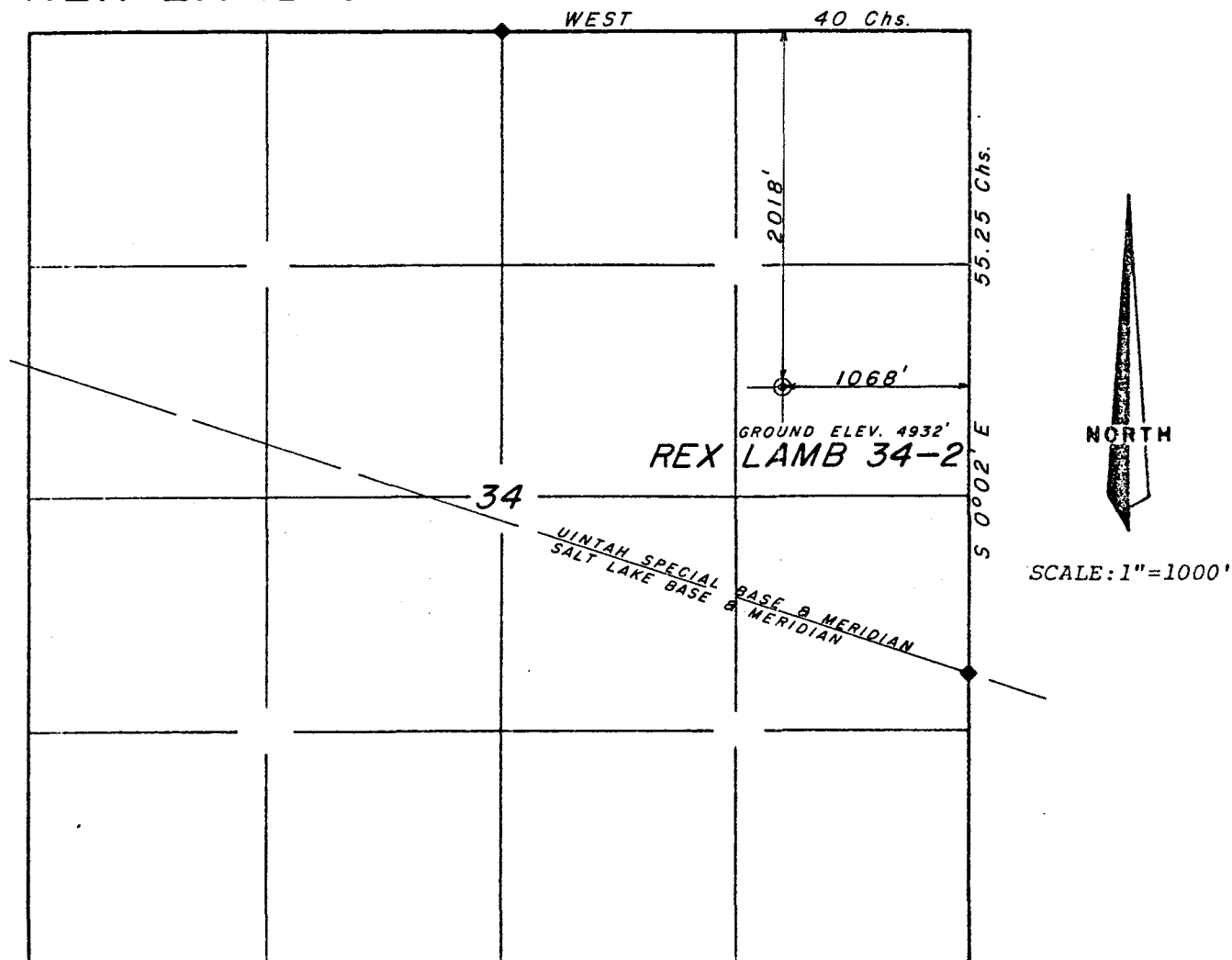
BY: John R. Bajer

WELL SPACING: 3 (C)

Conditions of approval, if any:

# WILDROSE RESOURCES CORP. WELL LOCATION PLAT REX LAMB 34-2

LOCATED IN THE SE $\frac{1}{4}$  OF THE NE $\frac{1}{4}$  OF  
SECTION 34, T4S, R1E, U.S.B.&M.



## LEGEND & NOTES

- ◆ ORIGINAL STONE CORNERS FOUND AND  
USED BY THIS SURVEY.

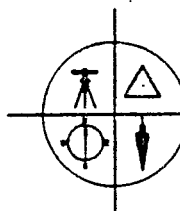
THE GENERAL LAND OFFICE PLAT  
WAS USED FOR REFERENCE AND  
CALCULATIONS.

## SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor Cert. No. 3817 (Utah)

## EXHIBIT A



**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCESNE, UTAH 84021  
(801) 738-5352

EXHIBIT B

TEN POINT COMPLIANCE PROGRAM OF NTL-6 APPROVAL OF OPERATIONS

1. The Geologic Surface Formation

The surface formation is the Uintah (Tertiary).

2. Estimated Tops of Important Geologic Markers

Green River	1800'
Wasatch Tongue	6200'
Total Depth	6400'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water bearing zones are anticipated

Green River 3600' - 6200' Oil

4. The Proposed Casing Program

<u>HOLE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE(OD)</u>	<u>WEIGHT. GRADE. JOINT</u>	<u>NEW OR USED</u>
12 $\frac{1}{4}$ "	0 - 300'	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0-6400'	6400'	5-1/2"	14 & 15 $\frac{1}{2}$ # J-55 ST&C	New

Cement Program -

Surface Casing: 225 sacks Class "G" plus 2% CaCl<sub>2</sub>

Production Casing: 300 sacks Lite Cement and 700 sacks Class "G" with additives

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal</u>	<u>VISCOSITY sec/qt</u>	<u>FLUID LOSS cc</u>	<u>PH</u>
0-6200'	Fresh Water	8.4 - 8.6	28 - 30	N/C	--
6200 - 6400'	LSND	8.6 - 8.8	35 - 40	12 - 15	9.0

7. The Auxiliary Equipment to be Used

- a) An upper and lower kelly cock will be kept in the string.
- b) A float will be used at the bit.
- c) A mud logging unit and gas detecting device will be monitoring the system.
- d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- a) No Drill Stem Tests will be run.
- b) The Logging Program: Dual Induction-SFL 300' - T.D.  
Formation Density-CNL 3600' - T.D.
- c) No coring is anticipated.
- d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

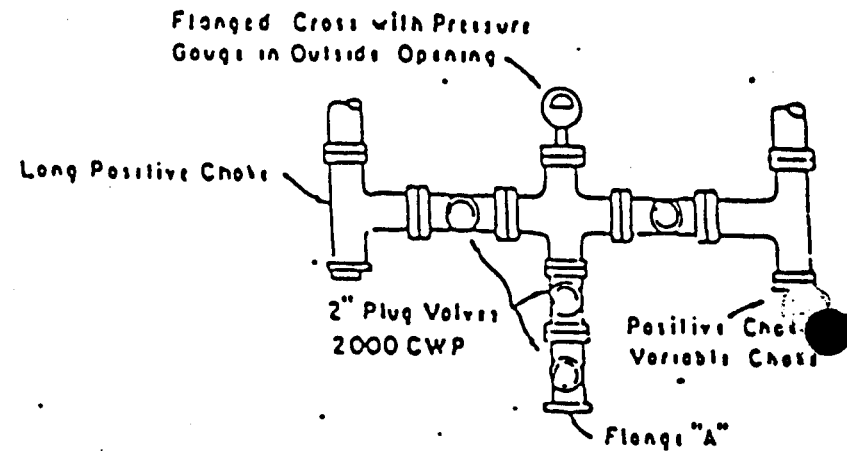
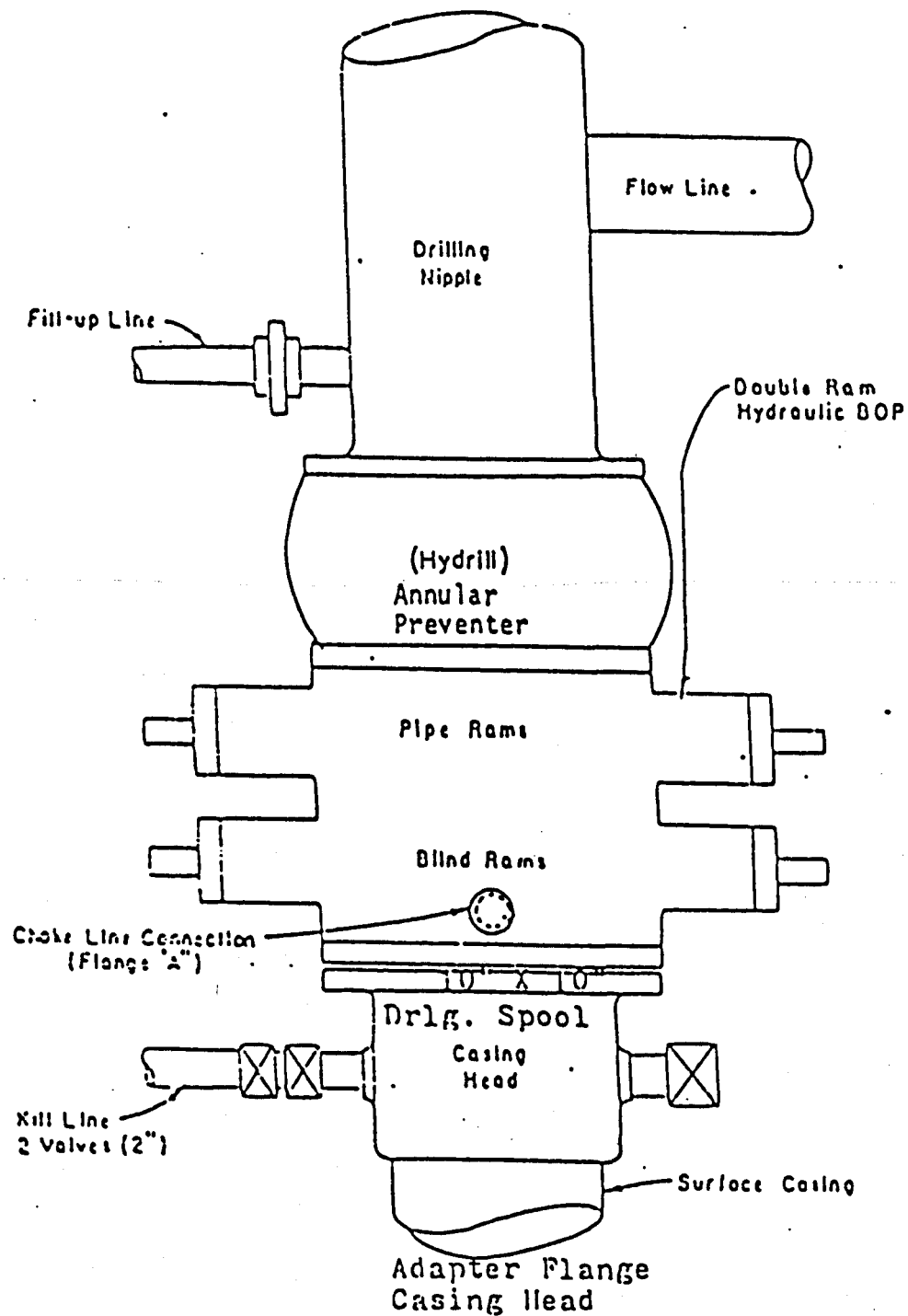
9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 2000 psi  $\pm$ .

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for November 20, 1985, or as soon as possible after examination and approval of drilling requirements. Operations will cover 10 days for drilling and 14 days for completion.



PLAN VIEW - CHOKE MANIFOLD

EXHIBIT "C"  
 Blowout Preventer  
 Diagram  
 W.P. = 3000 psi

4441000m.N.

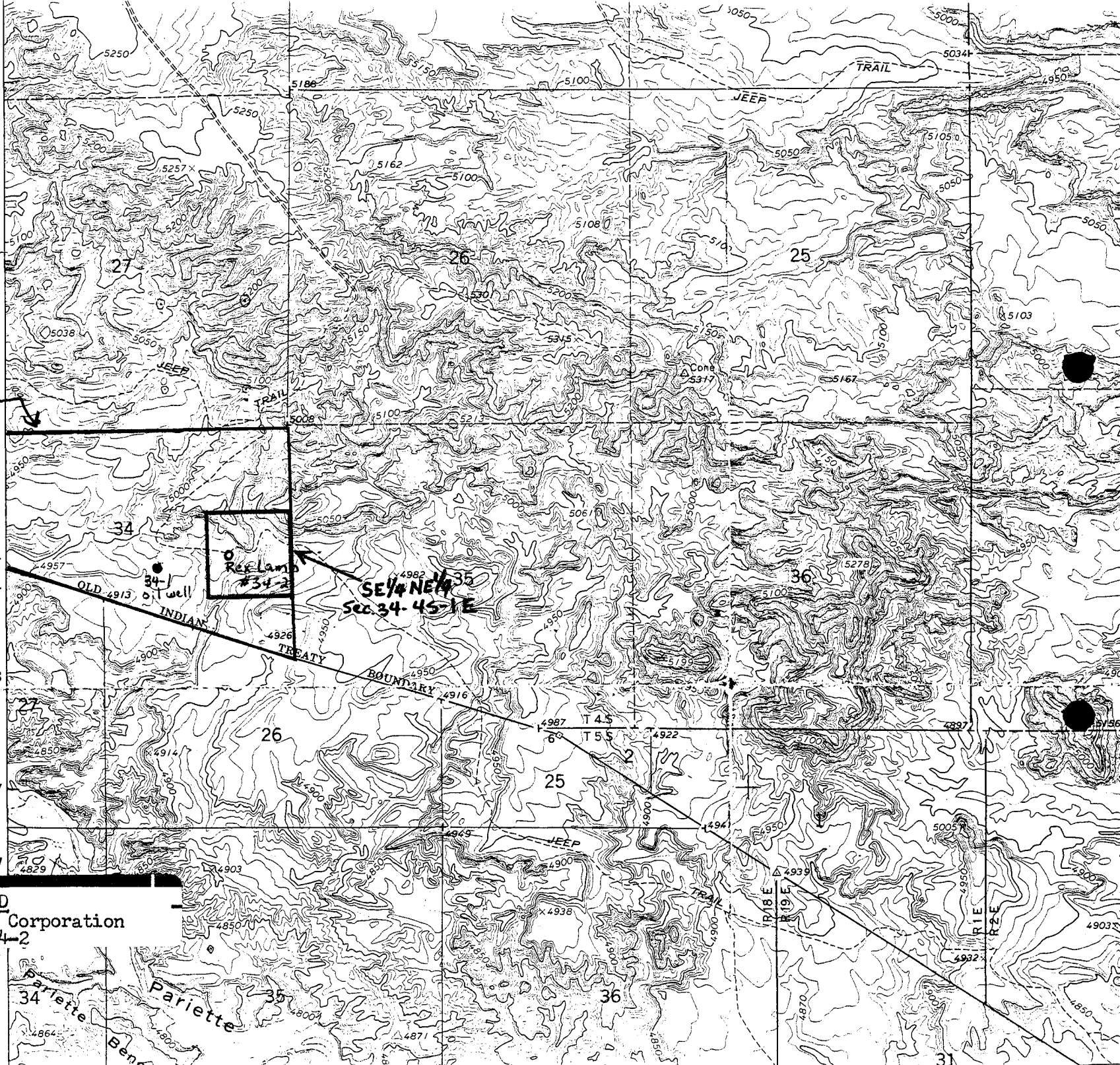
Lease  
Boundary

T.4 S.  
T.8 S.

4437

EXHIBIT D

Wildrose Resources Corporation  
Rex Lamb #34-2





WILDROSE RESOURCES CORPORATION

Utah Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

November 7, 1985

RECEIVED

RE: A.P.D.  
Rex Lamb #34-2  
Uintah County, Utah

NOV 08 1985

DIVISION OF OIL  
GAS & MINING

Gentlemen:

Enclosed please find three copies of the A.P.D. with exhibits and well bond for the Rex Lamb #34-2 well location.

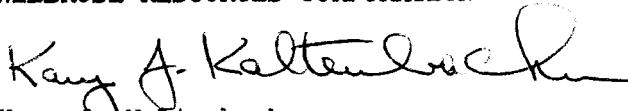
We would appreciate prompt approval for this location as we are expecting the rig that is to drill this well to come loose in the next two weeks.

The dirt worker for this location will be John E. Fausett of Fort Duchesne, Utah.

Thank you for your help in this matter. If there are any questions, please give me a call.

Very truly yours,

WILDROSE RESOURCES CORPORATION

  
Kary J. Kaltenbacher

Vice President

OPERATOR Wildrose Resources DATE 11-18-85

WELL NAME Ref Lamb 34-2

SEC SE NE 34 T 4S R 1E COUNTY Wintab

43-047-31692  
API NUMBER

Fee  
TYPE OF LEASE

CHECK OFF:

☒ PLAT

☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD

☒ POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other well within 1000'

Water & - # 47-1711 (Curry Leasing)

Requested exception location.

Permits done by Ed. Deputy - &

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT

☐ C-3-a \_\_\_\_\_ CAUSE NO. & DATE

☐ C-3-b

☒ C-3-c

STIPULATIONS:



RECEIVED

11-18-85  
12:45 PM

NOV 19 1985

ONSITE PREDRILL INSPECTION FORM

DIVISION OF OIL  
GAS & MINING

COMPANY Wildrose Resources Corp. WELL NO. Rex Lamb 34-2

SE/NE

LOCATION: SECTION 34 TOWNSHIP 4 S RANGE 1 E COUNTY Uintah

LEASE NO. Fee ONSITE INSPECTION DATE 11-18-85

(A) PERSONS IN ATTENDANCE John Fausett (Dirt Contractor) Ed Deputy (DOGM)

(B) SURFACE FORMATION AND CHARACTERISTICS Thin gravel overlying very clayey soil 6 to 8 ft thick, overlying thin to med. bedded siltstones (Uintah Fm).

(C) BRIEF DESCRIPTION OF VEGETATION Sagebrush and native grass, sparse cover.

(D) ARCHAEOLOGICAL CLEARANCE: YES OR NO Waved - Fee surface & minerals

(E) DESCRIPTION OF TOPOGRAPHY (drainages, slope, roads, etc.) Bench with approx. 2 to 3° slope 200 yds south of butte, drainage 50 ft east of location 8 - 12 ft deep, existing road on north side of location.

(F) CONDITIONS FOR APPROVAL:

PIT LINING (YES OR NO) No - sufficient clayey soil to construct pit

TYPE OF LINING IF NEEDED \_\_\_\_\_

ADDITIONAL REQUIREMENTS Drainage ditch on north side and east side of location.

SIGNATURE: Ed Deputy

TITLE Inspector



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 19, 1985

Wildrose Resources Corporation  
2555 Cherryridge Road  
Englewood, Colorado 80110

Gentlemen:

Re: Well No. Rex Lamb 34-2 - SE NE Sec. 34, T. 4S, R. 1E  
2018' FNL, 1068' FEL - Uintah County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31692.

Sincerely,

R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures

## DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-037-31692

NAME OF COMPANY: WILDROSE RESOURCESWELL NAME: REX LAMB #34-2SECTION SE NE 34 TOWNSHIP 4S RANGE 1E COUNTY UintahDRILLING CONTRACTOR Leon RossRIG # SPUDDED: DATE 11-26-85TIME 9:00 AMHOW Air RigDRILLING WILL COMMENCE Approx. Dec. 1 - Olsen Rig #6REPORTED BY Kary KaltenbacherTELEPHONE # 303-761-9831DATE 11-26-85 SIGNED AS

## NTL-3A: Report of Undesirable Event

FROM: Kary J. Kaltenbacher  
Wildrose Resources Corporation  
2555 Cherryridge Road  
Englewood, CO 80110 PH: 303-761-9831

TO: Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

### I. Major Undesirable Event

A. Saltwater and oil spill.

### II. Written Report

A. Spill occurred at approximately 12 PM on 12/18/85.  
The B.L.M. was on location later that same day.

B. Incident occurred in Section 34-T4S-R1E,  
Uintah County, Utah. Mineral and surface ownership  
is private - Rex Lamb of Myton, Utah.

C. The spill consisted of approximately 300-400  
barrels of salt water (26,000 chlorides) and  
approximately 1 barrel of crude oil, which escaped  
from the drilling fluid reserve pit being used to  
drill the Rex Lamb 34-2 well located in the  
SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 34-T4S-R1E. The spill occurred  
when the SE corner of the reserve pit was breached.  
The breach was apparently caused by over filling  
the reserve pit with drilling water causing instability  
in the 3 feet of fill dirt on that corner of the  
pit.

D. The spill followed a natural drainage ditch from the drill site and crossed onto Federal land (B.L.M.) at the south side of Section 34.

The Federal land involved was Sections 26 and 27-T8S-R18E where the drainage ditch crossed before running into Parrette Draw. Most of the oil was deposited in the first  $\frac{1}{2}$  mile of ditch south of the drill site. The oil, which has a 95° pour point, was deposited mostly in solidified patches due to the pour point and freezing temperatures. Therefore, no permanent damage should be caused by the oil since the majority of it can be cleaned up. It is estimated less than 20% of the water spilled reached Parrette Draw. It is expected this water will have little or no impact on the environment as no toxic chemicals were being used.

E. The majority of the spilled oil will be shoveled up and carried away, since the oil has solidified. The cleanup will be done on December 20, 1985, by a Flint Engineering crew.

F. Estimated discharge volumes are 300-400 barrels of water and 1 barrel of crude oil.

G. N/A.

H. The reserve pit where the breach occurred will no longer be used since drilling has been completed.

I. Other Federal and State agencies notified:

- 1) E.P.A. - Denver office and National Response Office
- 2) Utah Division of Oil, Gas & Mining - Vernal Office,  
Ed Deputy

J. Other: It should be noted that no chromates were being used in the drilling fluids as originally reported by an uninformed drilling rig crewman. Attached are daily drilling mud reports for the Rex Lamb 34-2 well which shows what mud materials were being used.

DATE: December 19, 1985

BY: Kary J. Kaltenbacher

Kary J. Kaltenbacher  
Wildrose Resources Corporation

FIELD SERVICE REPORT



DRILLING MUD REPORT

REPORT NO. 1

DATE 12-8 1985 DEPTH 500'  
API WELL NO. STATE COUNTY WELL S/T

MILCHEM WELL NO. OPERATOR Wild Rose Resources CONTRACTOR Winrock RIG NO. 7  
ADDRESS Riq ADDRESS Riq SPUD DATE 12-8-85  
REPORT FOR MR. K Kaltenbach REPORT FOR MR. John Fry SECTION, TOWNSHIP, RANGE 34-45-1E  
WELL NAME AND NO. Rex Lamb 34-2 FIELD OR BLOCK NO. Pariette COUNTY, PARISH OR OFFSHORE AREA Uintah STATE OR PROVINCE Utah

OPERATION PRESENT ACTIVITY Spool in CASING SURFACE 12 8 5/8 IN. @ 300 FT. MUD VOLUME (BBL) HOLE 17 PITS 48 10 300+  
BIT SIZE (IN.) NO. 7 7/8 NO. 1 INTERMEDIATE 14 IN. @ FT. TOTAL CIRCULATING VOLUME 19 310  
PUMP SIZE 5 1/2 x 16 IN. ANNULAR VEL. (FT/MIN) 21 173  
PUMP MAKE 22 D-500 MODEL 25 SM 500 OPPOSITE DP 27 173  
DRILL PIPE SIZE TYPE 4 1/2 YH 15 PRODUCTION OR LINER 16 IN. @ FT. IN STORAGE 20 BBL/STROKE 24 121 STROKE/MIN 25 66  
DRILL COLLAR SIZE LENGTH 6 1/4 ALL MUD 32 TYPE H2O BBL/MIN 26 7.87 / SP 330 CIRCULATING PRESSURE PSI 29 1  
SYSTEM 31 TOTAL (MIN.) 39

MUD PROPERTIES EQUIPMENT  
34 Time Sample Taken 1400 Centrifuge 62  
35 Depth (ft) 8 300' Degasser 63  
36 Weight (lb/gal) (lb/cu ft) 8.4 Desander 64  
37 Mud Gradient (psi/ft) - DAILY COST 68 350 CUMULATIVE COST 69 350  
38 Funnel Viscosity (sec/qt) API @ °F 27  
39/40 Plastic Viscosity cp @ °F  
41 Yield Point (lb/100 sq ft)  
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min 7 1 1  
44 pH Strip Meter 7.0  
45 Filtrate API (cm³/30 min)  
46/47 API HT-HP Filtrate (cm³/30 min) °F  
48/49 Cake Thickness 32nd in API HT-HP  
50 Alkalinity, Mud (Pm) cm³ N/50 acid  
51/52 Alkalinity, Filtrate P/M cm³ N/50 acid 01.5 1 1  
53 Salt mg/1000cm³ gpg Chloride mg/1000cm³ gpg 450  
54 Calcium mg/1000cm³ gyp lb/bbl 440  
55 Sand Content (% by Vol.) 0  
56 Solids Content (% by Vol.) 0  
57 Oil Content (% by Vol.) 0  
58 Water Content (% by Vol.) 100 70  
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)  
60  
61  
MUD CONTAINS RECOMMENDED TREATMENT  
LIME ADD LIME AS NEEDED TO KEEP WATER CLEAN  
MIGHT TAKE 8 3/4 FOUR UNTIL YOU GET ENOUGH IN 5 IT CROSSES UP THEN BACK OFF TO 2-4 SX  
SWEEP SWEEP NOSE WITH PAPER OR IN SUCTION WITH 1 GALLON  
Sweep 120 (white fluid) 5 gal buckets @ this  
AS NEEDED or once a day  
Dump solids or as needed

REMARKS — Give operation, depth and nature of any problems encountered: Also add 1-2 cups flocculant or VAL FLOC in pit while dumping.  
79 Drilling @ TRANS 331.65  
80 Salt Water Flow @ Tax 18.24  
81 Gas Kick @ 349.89  
82 Stuck Pipe @  
83 Tight Hole @  
84 Lost Returns @

MILCHEM TECH. REP. Mike Governale HOME ADDRESS 86 Neola TELEPHONE 87 353 4474  
MOBILE UNIT WAREHOUSE 89 LOCATION Roosevelt TELEPHONE 90 922-4513

IN CONSIDERATION OF THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS, IT IS AGREED THAT NO RECOMMENDATIONS MADE HEREON SHALL BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND IT IS AGREED THAT MILCHEM INCORPORATED SHALL NOT BE LIABLE FOR ANY DAMAGES RESULTING FROM THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS AND IS TO BE HELD HARMLESS.

Date	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #	Alumex	Gyl	50th Gyl	Cedar	MKA	WAPER	Sand	Stearate	PAC	Lime	Sul	500-10	Sulfite	W.C. Additive	Val Floc	CAUSTIC
Starting Inventory	10	200	200	50	45	50	30	2	9	100	2	12	2	2	10	
Received																
Used Last 24 Hrs.																
Closing Inventory	10	200	200	50	45	50	30	2	9	100	2	12	2	2	10	

Oil Mud Data 107 Type: Bit Information "N" Med 117  
Stability Volts (E.S.) 108 Type LHM 53 Rot. Hrs. 114 0 "K" Med 118  
Activity (F.A.C.) 109 Depth in 11300 R.P.M. 115 - "N" Low 119  
Oil:Water Ratio 110 W.O.B. 113 Noz. 116 12-12-12 "K" Low 120

Supplementary Remarks 121 P.S. - up 5 spool in

**Milchem****Drilling Fluids Division**

POST OFFICE BOX 22111, HOUSTON, TEXAS 77027

MO-124-B-78 REV. (API FORM 47-1)

**DRILLING MUD REPORT**REPORT NO. **2**DATE **12-9** 19 **89** DEPTH **1038**

API WELL NO. STATE COUNTY WELL S/T

**FIELD SERVICE REPORT**MILCHEM WELL NO. **738**OPERATOR **Wild Rose Resources** CONTRACTOR **Winrock** RIG NO. **7**ADDRESS **PR** ADDRESS **PR** SPUD DATE **12-8-85**REPORT FOR MR. **K Kattenbacher** REPORT FOR MR. **John Fry** SECTION, TOWNSHIP, RANGE **34-45-1E**WELL NAME AND NO. **Rex Lamb 34-2** FIELD OR BLOCK NO. **Prattville** COUNTY, PARISH OR OFFSHORE AREA **Utah** STATE OR PROVINCE **Utah**

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
PRESENT ACTIVITY		11 SURFACE 12		HOLE 17 PITS 18		PUMP SIZE 5'x16 IN.	
4 Drilling		8 5/8 IN. @ 300 FT.		30 250±		21 ANNUAL VEL. (FT/MIN) 109	
5 BIT SIZE (IN.) NO. 7 7/8 1		13 INTERMEDIATE 14		TOTAL CIRCULATING VOLUME 19 280		PUMP MAKE 22 0500	
7 DRILL PIPE SIZE TYPE 4 1/2 8 XH		15 PRODUCTION OR LINER 16		IN STORAGE 20		MODEL 23 EMGLU	
9 DRILL COLLAR SIZE LENGTH 6 1/4 1684.6		MUD 32 TYPE 420		BBL/STROKE 24 127		STROKE/MIN 25 62	
				BBL/MIN. 27 7.87		330	
						CIRCULATING 29 1300	
						PRESSURE PSI 30 4	
						SYSTEM 31 36	
						TOTAL (MIN.)	

Sample from <input type="checkbox"/> Flowline <input type="checkbox"/> Pit		MUD PROPERTIES		EQUIPMENT	
Flowline Temperature °F 33				SIZE HRS/TOUR	
34 Time Sample Taken		0643		62 Centrifuge	
35 Depth (ft)		1038		63 Degasser	
36 Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)		8.5		64 Desander	
37 Mud Gradient (psi/ft)		-		65 Desilter	
38 Funnel Viscosity (sec/qt) API @ °F 27				66 Shaker	
39/40 Plastic Viscosity cp @ °F -				67 Other	
41 Yield Point (lb/100 sq ft)		-		DAILY COST 68 137	
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min 4 1 1				CUMULATIVE COST 69 487	
44 pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter 10				MUD PROPERTIES SPECIFICATIONS	
45 Filtrate API (cm <sup>3</sup> /30 min) -				WEIGHT 70 VISCOSITY 71 FILTRATE 72	
46/47 API HT-HP Filtrate (cm <sup>3</sup> /30 min) °F -				BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR	
48/49 Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/> -				<input type="checkbox"/> OPERATOR'S REPRESENTATIVE <input type="checkbox"/> OTHER	
50 Alkalinity, Mud (Pm) cm <sup>3</sup> N/50 acid -				MUD CONTAINS	
51/52 Alkalinity, Filtrate P <sub>H</sub> cm <sup>3</sup> N/50 acid 13.5 1 1				RECOMMENDED TREATMENT	
53 Salt <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg Chloride <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg 650				<input checked="" type="checkbox"/> LIME 73 2-4 bbl/1000 gal to keep water clean	
54 Calcium <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg 60				<input checked="" type="checkbox"/> VAN 74 1-2 cups in pit when dumping (USE LIME BENEATH)	
55 Sand Content (% by Vol.) TRC				<input type="checkbox"/> 75	
56 Solids Content (% by Vol.) 1				<input type="checkbox"/> 76	
57 Oil Content (% by Vol.) -				<input type="checkbox"/> 77	
58 Water Content (% by Vol.) 99				<input type="checkbox"/> 78	
59 Methylene Blue Capacity (lb/bbl bentonite equiv.) -				SWEEP HOLE IF NEEDED with PAPER OR 3 ALUMINUM 1/2 white buckets.	
60				Dump SAME PIT AS NEEDED	
61					

REMARKS — Give operation, depth and nature of any problems encountered:

79 <input type="checkbox"/> Drilling @	Cal 36.40	MUD 129.96
80 <input type="checkbox"/> Salt Water Flow @	Lime 45.60	TAX 7.15
81 <input type="checkbox"/> Gas Kick @ 11.99	FLOC 47.96	137.11
82 <input type="checkbox"/> Stuck Pipe @		
83 <input type="checkbox"/> Tight Hole @		
84 <input type="checkbox"/> Lost Returns @		

85 MILCHEM TECH. REP. Mike Gonzalez	HOME ADDRESS 86 16013	TELEPHONE 87 353 4474
88 MOBILE UNIT	WAREHOUSE 89 ROUSEAU ST	TELEPHONE 90 722 4573

IN CONSIDERATION OF THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS, IT IS AGREED THAT NO RECOMMENDATIONS MADE HEREON SHALL BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND IT IS AGREED THAT MILCHEM INCORPORATED SHALL NOT BE LIABLE FOR ANY DAMAGES RESULTING FROM THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS AND IS TO BE HELD HARMLESS.

Date	TVD	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #		Alto 120	CD	6464	CEDE	MKA	PAPEX	Sandst	Stearate	PR	Lime	Sulf	Self-fo	W.A. PAPER	Van Flu	Count	500A
PRODUCTS																	
Starting Inventory		10	200	200	50	45	50	30	2	9	100	2	12	2	2	10	
Received																	
Used Last 24 Hrs.			7								8						
Closing Inventory		10	193	200	50	45	50	30	2	9	92	2	12	2	2	10	

Oil Mud Data 107	Type:	Bit Information		"N" Med 117
Stability Volts (E.S.) 108	Type WUM 53	Rot. Hrs. 11 3/4		"K" Med 118
Activity (F.A.C.) 109	Depth in 112 300	R.P.M. 115 70		"N" Low 119
Oil:Water Ratio 110	W.O.B. 113 40	Noz. 114 12-12-12		"K" Low 120

Supplementary Remarks 121 Data raise in chlorides &amp; drop in calcium suspect from influx, check for flow noise @ 1034





Milchem

Drilling Fluids Division

POST OFFICE BOX 22111, HOUSTON, TEXAS 77027

MO-124-B-78 REV. (API FORM 47-1)



DRILLING MUD REPORT

REPORT NO. 3

DATE 12-10-85 DEPTH 2427

API WELL NO. STATE COUNTY WELL S/T

FIELD SERVICE REPORT

1389

MILCHEM WELL NO.

OPERATOR Wild Rose Resources

CONTRACTOR Winrock

RIG NO. 7

ADDRESS Riga

ADDRESS Riga

SPUD DATE 12-8-85

REPORT FOR MR. K. Kaltenbacher

REPORT FOR MR. J. FRY

SECTION, TOWNSHIP, RANGE 34-45-1E

WELL NAME AND NO. Rex Lamb 34-2

FIELD OR BLOCK NO. Parrette

COUNTY, PARISH OR OFFSHORE AREA Uintah

STATE OR PROVINCE Utah

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
PRESENT ACTIVITY		SURFACE 12		HOLE 17 PITS 18		PUMP SIZE 5 1/2 x 16 IN.	
Drilling		8 5/8 IN. @ 300 FT.		86 270 ±		ANNULAR VEL. (FT/MIN) 193	
BIT SIZE (IN.)		INTERMEDIATE 14		TOTAL CIRCULATING VOLUME		PUMP MAKE EMSCO	
7 1/8		IN. @ FT.		356		MODEL 23 D 500	
DRILL PIPE SIZE		PRODUCTION OR LINER 16		IN STORAGE		BBL/STROKE 24	
7 1/2		IN. @ FT.		20		STROKE/MIN 82	
DRILL COLLAR SIZE LENGTH		MUD TYPE H2O		BBL/MIN. 7.87 / 330		CIRCULATING PRESSURE PSI 1300	
6 1/4 1884.6						BOTTOMS UP (MIN.) 11	
						SYSTEM 31 TOTAL (MIN.) 45	

Sample from <input type="checkbox"/> Flowline. <input type="checkbox"/> Pit		MUD PROPERTIES		EQUIPMENT	
Flowline Temperature °F 33				SIZE HRS/TOUR	
34 Time Sample Taken		0630		Centrifuge 62	
35 Depth (ft)		2427		Degasser 63	
36 Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)		8.5		Desander 64	
37 Mud Gradient (psi/ft)		-		Other 67	
38 Funnel Viscosity (sec/qt) API @ °F		27		DAILY COST 68 334	
39/40 Plastic Viscosity cp @ °F		-		CUMULATIVE COST 69 821	
41 Yield Point (lb/100 sq ft)		-		MUD PROPERTIES SPECIFICATIONS	
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min		7 1 1		WEIGHT 70 VISCOSITY 71 FILTRATE 72	
44 pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter		10.5		BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR	
45 Filtrate API (cm <sup>3</sup> /30 min)		-		<input type="checkbox"/> OPERATORS REPRESENTATIVE <input type="checkbox"/> OTHER	
46/47 API HT-HP Filtrate (cm <sup>3</sup> /30 min)		-		MUD CONTAINS	
48/49 Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/>		-		RECOMMENDED TREATMENT	
50 Alkalinity Mud (Pm) cm <sup>3</sup> N/50 acid		-		<input checked="" type="checkbox"/> Lime 73	
51/52 Alkalinity Filtrate P <sub>f</sub> /M <sub>p</sub> cm <sup>3</sup> N/50 acid		41.7 1 1		<input type="checkbox"/> 74	
53 Salt <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> mg Chloride <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg		1800		<input checked="" type="checkbox"/> VEN 75	
54 Calcium <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gyp <input type="checkbox"/> lb/bbl		TRC		<input checked="" type="checkbox"/> FLOC 76	
55 Sand Content (% by Vol.)		TRC		<input checked="" type="checkbox"/> Alcomor 77	
56 Solids Content (% by Vol.)		1		<input checked="" type="checkbox"/> 120 78	
57 Oil Content (% by Vol.)		-		<input checked="" type="checkbox"/> Sweeps 79	
58 Water Content (% by Vol.)		100		<input checked="" type="checkbox"/> Sodium 80	
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)		-		<input checked="" type="checkbox"/> Sulfate 81	
60 DOSS (ppm)		20			

REMARKS — Give operation, depth and nature of any problems encountered:

79 <input type="checkbox"/> Drilling @	* INSTALL CORROSION RING IN SAVOR-SUB				
80 <input type="checkbox"/> Salt Water Flow @					
81 <input type="checkbox"/> Gas Kick @	LIME 57.00 2 CORROSION RINGS 40.00				
82 <input type="checkbox"/> Stuck Pipe @	Sodium Sulfate 147.36 mud 316.30				
83 <input type="checkbox"/> Tight Hole @	VAN FLOC 71.94 Tax 17.40				
84 <input type="checkbox"/> Lost Returns @	333.70				

85 MILCHEM TECH. REP. Mike Governale	HOME ADDRESS 86 Neola	TELEPHONE 87 353 4474
88 MOBILE UNIT	WAREHOUSE 89 LOCATION Roosevelt	TELEPHONE 90 722 4513

IN CONSIDERATION OF THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS, IT IS AGREED THAT NO RECOMMENDATIONS MADE HEREON SHALL BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND IT IS AGREED THAT MILCHEM INCORPORATED SHALL NOT BE LIABLE FOR ANY DAMAGES RESULTING FROM THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS AND IS TO BE HELD HARMLESS.

DATE	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #	TVD															
PRODUCTS																
Starting Inventory	10	193	200	50	45	50	30	2	9	92	2	12	2	2186	10	
Received																
Used Last 24 Hrs.										10		4		6		
Closing Inventory	10	193	200	50	45	50	30	2	9	82	2	8	2	2130	10	

Oil Mud Data 107	Type:	Bit Information		"N" Med 117
Stability Volts (E.S.) 108	Type WM S3	Rot. Hrs. 114	42	"K" Med 118
Activity (F.A.C.) 109	Depth in 113	R.P.M. 115	15	"N" Low 119
Oil:Water Ratio 110	W.O.B. 113	Noz. 116	12-12-12	"K" Low 120

Supplementary Remarks 121 Chlorides increased due to formation water flow @ 2395 New Drilling.

FIELD SERVICE REPORT



DRILLING MUD REPORT

REPORT NO. 4

DATE 12-11-85 DEPTH 3214  
API WELL NO. STATE COUNTY WELL S/T

MILCHEM WELL NO. 787'  
OPERATOR Wild Rose Resources CONTRACTOR Winrock RIG NO. 7  
ADDRESS Rig ADDRESS Rig  
REPORT FOR MR. K. Kaltenbacher REPORT FOR MR. B. Lafferty  
SPUD DATE 12-8-85  
SECTION, TOWNSHIP, RANGE 34-45-1E

WELL NAME AND NO. Rex Lamb 34-2 FIELD OR BLOCK NO. Pariette COUNTY, PARISH OR OFFSHORE AREA Uintah STATE OR PROVINCE Utah

OPERATION Drilling CASING 8 5/8" SURFACE 12" IN. @ 300 FT. MUD VOLUME (BBL) 117 PITS 18 270±  
BIT SIZE (IN.) 7 7/8 NO. 1 INTERMEDIATE 14" IN. @ FT. TOTAL CIRCULATING VOLUME 337  
DRILL PIPE SIZE 4 1/2" TYPE KH PRODUCTION OR LINER 16" IN. @ FT. IN STORAGE 20  
DRILL COLLAR SIZE LENGTH 6 1/4" MUD 32 H2O TYPE BBL/MIN. 7.62 / 320  
CIRCULATION DATA  
PUMP SIZE 5 1/2 x 16 IN. ANNUAL VEL (FT/MIN) 191  
PUMP MAKE 22 CMSCO OPPOSITE DP 342  
MODEL 23 D 500  
BBL/STROKE 24 127 STROKE/MIN 300 CIRCULATING 29 1300  
PRESSURE PSI 15  
BBL/MIN. 7.62 / 320 BOTTOMS UP (MIN.) 51  
SYSTEM 31 TOTAL (MIN.)

MUD PROPERTIES  
34 Time Sample Taken 0630  
35 Depth (ft) 8.5  
36 Weight (lb/gal) (lb/cu ft)  
37 Mud Gradient (psi/ft)  
38 Funnel Viscosity (sec/qt) API @ 27  
39/40 Plastic Viscosity cp @ °F  
41 Yield Point (lb/100 sq ft)  
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min T 1 1  
44 pH Strip Meter 10.0  
45 Filtrate API (cm³/30 min)  
46/47 API HT-HP Filtrate (cm³/30 min) °F  
48/49 Cake Thickness 32nd in API HT-HP  
50 Alkalinity, Mud (Pm) cm³ N/50 acid  
51/52 Alkalinity, Filtrate (Pm) cm³ N/50 acid 14.1 1 1  
53 Salt mg/1000cm³ Chloride mg/1000cm³ gpg 1800  
54 Calcium mg/1000cm³ Gyp lb/bbl TRC  
55 Sand Content (% by Vol.) TRC  
56 Solids Content (% by Vol.) 1  
57 Oil Content (% by Vol.) 0  
58 Water Content (% by Vol.) 97  
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)  
60 30 30  
EQUIPMENT  
62 Centrifuge  
63 Degasser  
64 Desander  
65 Desilter  
66 Shaker  
67 Other  
DAILY COST 150 CUMULATIVE COST 971  
MUD PROPERTIES SPECIFICATIONS  
WEIGHT 70 VISCOSITY 71 FILTRATE 72  
BY AUTHORITY: OPERATOR'S WRITTEN DRILLING CONTRACTOR  
OPERATORS REPRESENTATIVE OTHER  
MUD CONTAINS RECOMMENDED TREATMENT  
LIME 2-4 5X 1 full of pH  
UAN 10.5-11.0  
Floc F2 cups in chem bbl. 15  
1000 gal for clean H2O  
SWEEPS (IF NEEDED) mix 15 gallon  
Akonor 15X paper in  
pill tank.  
Sulfite 15X Daylights Only

REMARKS — Give operation, depth and nature of any problems encountered:  
79 Drilling @ Lime 57.00 MLN 141.80  
80 Salt Water Flow @ Sulfite 36.84 TAX 7.80  
81 Gas Kick @ Floc 47.96 149.60  
82 Stuck Pipe @ NOTE: water-flow possible @ 3300'-3500' if  
83 Tight Hole @ you get a flow and have to trip we  
84 Lost Returns @ will need to kill it by filling hole with brine  
85 MILCHEM TECH. REP. Mike Gorenchuk HOME ADDRESS 86 1601A TELEPHONE 353 4474  
88 MOBILE UNIT WAREHOUSE LOCATION 89 Roosevelt TELEPHONE 722 4513

IN CONSIDERATION OF THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS, IT IS AGREED THAT NO RECOMMENDATIONS MADE HEREON SHALL BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND IT IS AGREED THAT MILCHEM INCORPORATED SHALL NOT BE LIABLE FOR ANY DAMAGES RESULTING FROM THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS AND IS TO BE HELD HARMLESS.

Date	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #	Alco	120	Gel	Salt Gel	CEGAR	MICA	Paper	Sandst	Stearate	PAC	Lime	Scale	Sulfite	W.O. Cream	VAL	CAUSTIC
Starting Inventory	10	193	200	50	45	50	30	2	9	82	2	8	2	2/30	10	
Received																
Used Last 24 Hrs.										10		1		2(4)		
Closing Inventory	10	193	200	50	45	50	30	2	9	72	2	7	2	26	10	

Oil Mud Data 107 Type: Bit Information "N" Med 117  
Stability Volts (E.S.) 108 Type 4M 53 Rot. Hrs. 6 1/2 "K" Med 118  
Activity (F.A.C.) 109 Depth in 112 300 R.P.M. 115 75 "N" Low 119  
Oil/Water Ratio 110 W.O.B. 113 40 Noz. 114 12-12-12 "K" Low 120

Supplementary Remarks 121 Orig. ahead. Check for flow @ 3198', None.

**Milchem****Drilling Fluids Division**

POST OFFICE BOX 22111, HOUSTON, TEXAS 77227

MO-124-8-78 REV. (API FORM 47-1)

**FIELD SERVICE REPORT****DRILLING MUD REPORT**REPORT NO. **5**MILCHEM WELL NO. **759**

OPERATOR <b>Wild Rose Resources</b>	CONTRACTOR <b>Winrock</b>	RIG NO. <b>7</b>
ADDRESS <b>Rig</b>	ADDRESS <b>Rig</b>	SPUD DATE <b>12-8-85</b>
REPORT FOR MR. <b>K. Kaltenbacher</b>	REPORT FOR MR. <b>B. Lafferty</b>	SECTION, TOWNSHIP, RANGE <b>34-45-1E</b>

WELL NAME AND NO. <b>Rex Lamb 34-2</b>	FIELD OR BLOCK NO. <b>Pariette</b>	COUNTY, PARISH OR OFFSHORE AREA <b>Uintah</b>	STATE OR PROVINCE <b>Utah</b>
---	---------------------------------------	--	----------------------------------

OPERATION <b>Drilling</b>	CASING <b>8 5/8 IN. @ 300 FT.</b>	MUD VOLUME (BBL) <b>147 270 ±</b>	CIRCULATION DATA <b>PUMP SIZE 5 1/2 x 16 IN.</b>
PRESENT ACTIVITY <b>Drilling</b>	<b>11 SURFACE 12</b>	<b>HOLE 17 PITS 18</b>	<b>ANNULAR VEL. (FT/MIN) 191</b>
BIT SIZE (IN.) <b>7 1/8</b>	<b>13 INTERMEDIATE 14</b>	<b>TOTAL CIRCULATING VOLUME 417</b>	<b>PUMP MAKE Emsco</b>
DRILL PIPE SIZE <b>4 1/2</b>	<b>15 PRODUCTION OR LINER 16</b>	<b>IN STORAGE 20</b>	<b>MODEL 23 D-500</b>
DRILL COLLAR SIZE LENGTH <b>6 1/4 715.04</b>	<b>MUD TYPE H2O</b>	<b>BBL/STROKE 127</b>	<b>STROKE/MIN 60</b>
		<b>BBL/MIN 7.62</b>	<b>SP 320</b>
			<b>CIRCULATING PRESSURE PSI 1300</b>
			<b>OPPOSITE DP 27 191</b>
			<b>OPPOSITE COLLAR 28 342</b>
			<b>CIRCULATING 29 1300</b>
			<b>PRESSURE PSI 19</b>
			<b>BOTTOMS UP (MIN.) 30 19</b>
			<b>SYSTEM 31 55</b>
			<b>TOTAL (MIN.) 55</b>

Sample from <input type="checkbox"/> Flowline Flowline Temperature	<input type="checkbox"/> Pit °F 33	MUD PROPERTIES	EQUIPMENT SIZE HRS/TOUR <b>Surface to 6 ft → 7 min.</b>
34 Time Sample Taken		34 0645	62 Centrifuge
35 Depth (ft)		35 3973	63 Degasser
36 Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)		36 8.7	64 Desander
37 Mud Gradient (psi/ft)		37 .452	65 Desitter
38 Funnel Viscosity (sec/qt) API @ °F		38 28	66 Shaker
39/40 Plastic Viscosity cp @ °F		39/40 -	67 Other
41 Yield Point (lb/100 sq ft)		41 -	DAILY COST 68 187
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min		42/43 7 1 1	CUMULATIVE COST 69 1158
44 pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter		44 10	MUD PROPERTIES SPECIFICATIONS
45 Filtrate API (cm <sup>3</sup> /30 min)		45 -	WEIGHT 70 VISCOSITY 71 FILTRATE 72
46/47 API HT-HP Filtrate (cm <sup>3</sup> /30 min)		46/47 -	BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR
48/49 Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/>		48/49 -	<input type="checkbox"/> OPERATORS REPRESENTATIVE <input type="checkbox"/> OTHER
50 Alkalinity, Mud (Pm) cm <sup>3</sup> N/50 acid		50 -	MUD CONTAINS
51/52 Alkalinity, Filtrate P <sub>H</sub> /M <sub>P</sub> cm <sup>3</sup> N/50 acid		51/52 3.5 B 1 1	RECOMMENDED TREATMENT
53 Salt <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg Chloride <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg		53 11,800	<input checked="" type="checkbox"/> LIME 2 SX / TOUR
54 Calcium <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg <input type="checkbox"/> lb/bbl		54 220	<input checked="" type="checkbox"/> FLUO FLOC 1-2 cups in chem. bbl.
55 Sand Content (% by Vol.)		55 TRC	<input type="checkbox"/> AS NEEDED for clear H <sub>2</sub> O
56 Solids Content (% by Vol.)		56 13 1/4	<input checked="" type="checkbox"/> SWEEPS If needed use 1 gallon
57 Oil Content (% by Vol.)		57 0	Alconer 120 with 15x paper
58 Water Content (% by Vol.)		58 98 1/4	in pill tank for sweep
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)		59 -	15x Daylights & evening tour
60 <b>SO3</b>		60 TRC	Pump 150 bbls 10:00 lb.
61		61	Bring directly in hole to
			kill water-flow on trip.
			<b>** KEEP HOLE FULL !!</b>

REMARKS — Give operation, depth and nature of any problems encountered:

79 <input type="checkbox"/> Drilling @	<b>Lime 68.40</b>	<b>MUD 177.18</b>
80 <input type="checkbox"/> Salt Water Flow @	<b>Sulfite 36.24</b>	<b>Tax 9.75</b>
81 <input type="checkbox"/> Gas Kick @	<b>Floc 71.94</b>	<b>186.93</b>
82 <input type="checkbox"/> Stuck Pipe @	<b>*** KILL water-flow with 10.0 lb/gal</b>	
83 <input type="checkbox"/> Tight Hole @	<b>Brine in hole ONLY before tripping.</b>	
84 <input type="checkbox"/> Lost Returns @	<b>KEEP HOLE FULL ON TRIP THANKS</b>	
85 MILCHEM TECH. REP. <b>Mike Govervalke</b>	HOME ADDRESS 86 <b>Nella</b>	TELEPHONE 87 <b>353 4474</b>
88 MOBILE UNIT	WAREHOUSE LOCATION 89 <b>Roosevelt</b>	TELEPHONE 90 <b>722 4513</b>

IN CONSIDERATION OF THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS, IT IS AGREED THAT NO RECOMMENDATIONS MADE HEREON SHALL BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND IT IS AGREED THAT MILCHEM INCORPORATED SHALL NOT BE LIABLE FOR ANY DAMAGES RESULTING FROM THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS AND IS TO BE HELD HARMLESS.

Date <b>TVD</b>	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #	<b>Alconer 120</b>	<b>G-2</b>	<b>Sulfite</b>	<b>CEGAR</b>	<b>MICA</b>	<b>PAPER</b>	<b>Sandert</b>	<b>Stearate</b>	<b>Pac</b>	<b>Lime</b>	<b>Scale</b>	<b>Sodium</b>	<b>Sulfite</b>	<b>W.O.</b>	<b>Alconer</b>	<b>FLOC</b>
PRODUCTS																
Starting Inventory	10	183	200	50	45	50	30	2	9	72	2	7	2	2/26	10	
Received																
Used Last 24 Hrs.										12	1			6 cups		
Closing Inventory	10	183	200	50	45	50	30	2	9	60	2	6	2	1/20	10	
Oil Mud Data 107	Type:	Bit Information									"N" Med 117					
Stability Volts (E.S.) 108		Type <b>Wm 53</b>									Rot. Hrs. <b>34 1/2</b>					
Activity (F.A.C.) 109		Depth in <b>300</b>									R.P.M. <b>75</b>					
Oil:Water Ratio 110		W.O.B. <b>40</b>									Noz. <b>12-12-12</b>					
Supplementary Remarks 121 <b>Drlo. Ahead 2-3" water-flow @ 3480 ft/min</b>																
<b>chlorides &amp; sodium increase, also increased masking</b>																

FIELD SERVICE REPORT



DRILLING MUD REPORT

REPORT NO. 6

MILCHEM WELL NO. 453

OPERATOR Wild Rose Resources	CONTRACTOR Winrock	RIG NO. 7
ADDRESS Rig	ADDRESS Rig	SPUD DATE 12-8-85
REPORT FOR MR. K Kattenbacher	REPORT FOR MR. B Lafferty	SECTION, TOWNSHIP, RANGE 34-45-1E

WELL NAME AND NO. Rex Lamb 34-2	FIELD OR BLOCK NO. Pariette	COUNTY, PARISH OR OFFSHORE AREA Uintah	STATE OR PROVINCE Utah
------------------------------------	--------------------------------	---	---------------------------

OPERATION Drilling	CASING 8 5/8 IN. @ 300 FT.	MUD VOLUME (BBL) 165 200 ±	CIRCULATION DATA PUMP SIZE 5 1/2 x 16 IN. PUMP MAKE 5VI-500 MODEL 23D-500 BBL/STROKE 127 STROKE/MIN 34 BBL/MIN 8.13/341
PRESENT ACTIVITY Drilling	INTERMEDIATE 14 IN. @ .FT.	TOTAL CIRCULATING VOLUME 365	ANNULAR VEL. (FT/MIN) OPPOSITE DP 203 OPPOSITE COLLAR 370
BIT SIZE (IN.) 7 1/2	PRODUCTION OR LINER 16 IN. @ .FT.	IN STORAGE 20	CIRCULATING PRESSURE PSI 1300
DRILL PIPE SIZE 4 1/2	TYPE 4H	DRILL COLLAR SIZE LENGTH 6 1/4 1884.69	SYSTEM 31 TOTAL (MIN.) 45

Sample from <input type="checkbox"/> Flowline Flowline Temperature	<input type="checkbox"/> Pit °F 33	MUD PROPERTIES	EQUIPMENT
34 Time Sample Taken	0600	35 Depth (ft)	4426
36 Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)	8.7	37 Mud Gradient (psi/ft)	.452
38 Funnel Viscosity (sec/qt) API @	28	39/40 Plastic Viscosity cp @	-
41 Yield Point (lb/100 sq ft)	-	42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min	7 1 1
44 pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter	9.5	45 Filtrate API (cm³/30 min)	-
46/47 API HT-HP Filtrate (cm³/30 min)	-	48/49 Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/>	-
50 Alkalinity, Mud (Pm) cm³ N/50 acid	-	51/52 Alkalinity, Filtrate P <sub>H</sub> /M <sub>P</sub> cm³ N/50 acid	35/13 1 1
53 Salt <input type="checkbox"/> mg/1000cm³ <input type="checkbox"/> gpg Chloride <input type="checkbox"/> mg/1000cm³ <input type="checkbox"/> gpg	15,200	54 Calcium <input type="checkbox"/> mg/1000cm³ <input type="checkbox"/> gyp <input type="checkbox"/> lb/bbl	80
55 Sand Content (% by Vol.)	1/4	56 Solids Content (% by Vol.)	2
57 Oil Content (% by Vol.)	-	58 Water Content (% by Vol.)	98
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)	-	60	503
61	15	62 Centrifuge	63 Degasser
		64 Desander	65 Desilter
		66 Shaker	67 Other
		DAILY COST 68	CUMULATIVE COST 69
		75	1233
		MUD PROPERTIES SPECIFICATIONS	
		WEIGHT 70	VISCOSITY 71
		FILTRATE 72	
		BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR	
		<input type="checkbox"/> OPERATORS REPRESENTATIVE <input type="checkbox"/> OTHER	
		MUD CONTAINS	RECOMMENDED TREATMENT
		73 LIME	52 SX / tour to help keep pH up & clean water
		74 VAN FLOC	as needed for clear H2O
		75 5-500PS	IF USED, 1 gallon Alum. to 15X PAPER in fill TANK.
		76	
		77	
		78 Sodium Sulfate	1 SX / tour

REMARKS — Give operation, depth and nature of any problems encountered:

79 <input type="checkbox"/> Drilling @	Lime 34.20	MUD 71.04
80 <input type="checkbox"/> Salt Water Flow @	Sulfate 36.84	TAX 3.91
81 <input type="checkbox"/> Gas Kick @		74.95
82 <input type="checkbox"/> Stuck Pipe @		
83 <input type="checkbox"/> Tight Hole @		
84 <input type="checkbox"/> Lost Returns @		

85 MILCHEM TECH. REP. MIKE GOVERNALE	HOME ADDRESS 86 Neola	TELEPHONE 353 4474
88 MOBILE UNIT	WAREHOUSE 89 Roosevelt	TELEPHONE 9722 4513

IN CONSIDERATION OF THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS, IT IS AGREED THAT NO RECOMMENDATIONS MADE HEREON SHALL BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND IT IS AGREED THAT MILCHEM INCORPORATED SHALL NOT BE LIABLE FOR ANY DAMAGES RESULTING FROM THE FURNISHING OF THIS REPORT AND ORAL SUGGESTIONS AND IS TO BE HELD HARMLESS.

Date	TV	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #		Alciner	Gal	Gal	Cedar	MICA	Apex	Sand	Stearate	PAC	Lime	Scale	Sodium	W.O.	Defoam	Van	Caustic
PRODUCTS:		120															
Starting Inventory		10	193	200	50	45	50	30	2	9	60	2	6	2	1/20	10	
Received																	
Used Last 24 Hrs.											6		1				
Closing Inventory		10	193	200	50	45	50	30	2	9	54	2	5	2	1/20	10	

Oil Mud Data 121	Type:	Bit Information	"N" Med 117
Stability Volts (E.S.)	300 out 4040	Type API 61 F	"K" Med 118
Activity (F.A.C.)	3740 H. 88 1/2	Rot. Hrs. 12 1/2	"N" Low 119
Oil:Water Ratio 110	8-8-12	Depth in 4040	"K" Low 120
		R.P.M. 65	
		Noz. 13-13-13	

Supplementary Remarks 121  
Tight @ 3980-4040. Kelly up & ream 80'. Delay.



Milchem

Drilling Fluids Division

POST OFFICE BOX 22111, HOUSTON, TEXAS 77227

MO-124-8-78 REV. (API FORM 47-1)



DRILLING MUD REPORT

REPORT NO. 7

DATE	12-14	19	85	DEPTH	4878
API WELL NO.		STATE	COUNTY	WELL	S/T

FIELD SERVICE REPORT

452'

MILCHEM WELL NO.	452'	CONTRACTOR	Winrock	RIG NO.	7
OPERATOR	Wild Rose Resources	ADDRESS	Rig	SPUD DATE	12-8-85
REPORT FOR MR.	K Kaltenbacher	REPORT FOR MR.	B Lafferty	SECTION, TOWNSHIP, RANGE	34-45-1E

WELL NAME AND NO.	Rex Lamb 34-2	FIELD OR BLOCK NO.	Pariette	COUNTY, PARISH OR OFFSHORE AREA	Utah	STATE OR PROVINCE	Utah
OPERATION	CASING	MUD VOLUME (BBL)	CIRCULATION DATA				
PRESENT ACTIVITY	SURFACE 12	HOLE 17	PITS 18	PUMP SIZE	ANNULAR VEL. (FT/MIN)		
TRIP OUT	8 5/8 IN. @ 300 FT.	183	270	5 1/2 x 16	27		203
BIT SIZE (IN.)	NO.	TOTAL CIRCULATING VOLUME		PUMP MAKE	OPPOSITE DP		
7 7/8	2	453		AMSCO	28		370
DRILL PIPE SIZE	TYPE	IN STORAGE		MODEL 23	CIRCULATING PRESSURE PSI		
4 1/2	XH	20		D 500	29		1400
DRILL COLLAR SIZE LENGTH	MUD TYPE	BBL/STROKE		STROKE/MIN	BOTTOMS UP (MIN.)		
6 1/4 1584	H2O	24		127	30		23
		BBL/MIN.		8.13 / 341	SYSTEM 31		56
		26			TOTAL (MIN.)		

Sample from <input type="checkbox"/> Flowline	<input type="checkbox"/> Pit	MUD PROPERTIES		EQUIPMENT	
Flowline Temperature	°F 33			SIZE	HRS/TOUR
34 Time Sample Taken	0630			Centrifuge 62	
35 Depth (ft)	4878			Degasser 63	
36 Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)	9.1			Desander 64	
37 Mud Gradient (psi/ft)	0.473			Other 67	
38 Funnel Viscosity (sec/qt) API @	28			DAILY COST 68	340
39/40 Plastic Viscosity cp @	-			CUMULATIVE COST 69	1573
41 Yield Point (lb/100 sq ft)	-			MUD PROPERTIES SPECIFICATIONS	
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min	-			WEIGHT 70	VISCOSITY 71
44 pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter	9.5			FILTRATE 72	
45 Filtrate API (cm <sup>3</sup> /30 min)	-			BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR	
46/47 API HT-HP Filtrate (cm <sup>3</sup> /30 min)	-			<input type="checkbox"/> OPERATORS REPRESENTATIVE <input type="checkbox"/> OTHER	
48/49 Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/>	-			MUD CONTAINS	RECOMMENDED TREATMENT
50 Alkalinity, Mud (Pm) cm <sup>3</sup> N/50 acid	-			CLIME 73	3-4 5x 1 tour
51/52 Alkalinity, Filtrate P <sub>H</sub> /M <sub>P</sub> cm <sup>3</sup> N/50 acid	6.16	1	1	LAN 74	AS 12000 to keep water clean
53 Salt <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg Chloride <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg	26,100			FIOC 75	IF 12000 min 1 gallon
54 Calcium <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gyp <input type="checkbox"/> lb/bbl	60			SWEEDS 76	ALCOHOL 120 L. + 1/4 P. 5X
55 Sand Content (% by Vol.)	-				PAPER 12 P. 11 TRAIL
56 Solids Content (% by Vol.)	40% (Salt)				
57 Oil Content (% by Vol.)	-			Sodium 77	1 5x 1 tour
58 Water Content (% by Vol.)	96%			Sulfate	
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)	-			Scaleban 78	1 CAN Daylights ONLY
60	503				SUGGEST all at once in this section pit.
61	10				

REMARKS — Give operation, depth and nature of any problems encountered:

79 ☐ Drilling @ Weight is up due to chlorides increase from salt water - flow.

80 ☐ Salt Water Flow @

81 ☐ Gas Kick @ LIME 57.00 mud 322.60

82 ☐ Stuck Pipe @ Scaleban 155.08 tax 17.74

83 ☐ Tight Hole @ Sodium Sulfate 110.52 340.34

84 ☐ Lost Returns @

85 MILCHEM TECH. REP.	MIKE GOVERNALE	HOME ADDRESS 86	NEOLA	TELEPHONE	353-4474
88 MOBILE UNIT		WAREHOUSE LOCATION 89	ROOSEVELT	TELEPHONE	722-4513

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Date	TVD	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #		ALCONER	Gel	SALT GEL	CEDER	MICA	PAPER	Sawdust	Stearate	PAC	LIME	Scale	SODIUM SULFATE	W.O.	Return	VAR	FIOC
PRODUCTS		120	193	200	50	45	50	30	2	9	54	2	5	10	2	1/20	
Starting Inventory		10	193	200	50	45	50	30	2	9	54	2	5	10	2	1/20	
Received												5	6				
Used Last 24 Hrs.											10	2	3				
Closing Inventory		10	193	200	50	45	50	30	2	9	44	5	2	10	2	1/20	

Oil Mud Data 107	Type:	Bit Information	"N" Med 117
Stability Volts (E.S.) 108	5.8 838	Type 4 61 F	"K" Med 118
Activity (F.A.C.) 109	0.4 4878	Rot. Hrs. 1124	"N" Low 119
Oil:Water Ratio 110		Depth in 4040	"K" Low 120
Supplementary Remarks 121	W.O.B. 113 45 Noz 113-13-13		

Delg. to 4878 T.O.H. for bit #2.



**Milchem****Drilling Fluids Division**

POST OFFICE BOX 22111, HOUSTON, TEXAS 77227

MO-124-8-78 REV. (API FORM 47-1)

**FIELD SERVICE REPORT****DRILLING MUD REPORT**REPORT NO. **8**DATE **12-15-85** DEPTH **5255**

API WELL NO.

STATE

COUNTY

WELL

S/T

MILCHEM WELL NO. **3477**OPERATOR **Wild Rose Resources**CONTRACTOR **Winrock**RIG NO. **7**ADDRESS **Rig**ADDRESS **Rig**SPUD DATE **12-8-85**REPORT FOR MR. **K. Kaltenbacher**REPORT FOR MR. **B. Lofferty**SECTION, TOWNSHIP, RANGE **34-45-1E**WELL NAME AND NO. **Rex Lamb 34-2**FIELD OR BLOCK NO. **Pariette**COUNTY, PARISH OR OFFSHORE AREA **Utah**STATE OR PROVINCE **Utah**

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
PRESENT ACTIVITY		11 SURFACE 12		HOLE 17 PITS 18		PUMP SIZE 21	
4 <b>Drilling</b>		8 5/8 IN. @ 300 FT.		198 270 ±		5'2" x 16 IN.	
BIT SIZE (IN.)		13 INTERMEDIATE 14		TOTAL CIRCULATING VOLUME		PUMP MAKE	
5 <b>7 1/8</b>		IN. @ FT.		19 <b>468</b>		<b>EmSCO</b>	
DRILL PIPE SIZE		15 PRODUCTION OR LINER 16		IN STORAGE		MODEL 23	
7 <b>4 1/2</b>		IN. @ FT.		20		<b>D 500</b>	
DRILL COLLAR SIZE LENGTH		MUD 32 TYPE		BBL/STROKE		STROKE/MIN	
9 <b>6 1/4 1084.7</b>		<b>H2O</b>		24 <b>1.27</b>		25 <b>64</b>	
				BBL/MIN.		CIRCULATING 29	
				26 <b>8.13</b>		PRESSURE PSI	
						30 <b>24</b>	
						SYSTEM 31	
						TOTAL (MIN.)	
						<b>58</b>	

Sample from <input type="checkbox"/> Flowline <input type="checkbox"/> Pit		MUD PROPERTIES		EQUIPMENT	
Flowline Temperature °F 33				SIZE HRS/TOUR	
34 Time Sample Taken		0630		Centrifuge 62	
35 Depth (ft)		5255		Degasser 63	
36 Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)		8.7 <b>* corrected</b>		Desander 64	
37 Mud Gradient (psi/ft)		452		Other 67	
38 Funnel Viscosity (sec/qt) API @ °F		28		DAILY COST 68	
39/40 Plastic Viscosity cp @ °F		-		255	
41 Yield Point (lb/100 sq ft)		-		CUMULATIVE COST 69	
42/43 Gel Strength (lb/100 sq ft) 10 sec/10 min		1		MUD PROPERTIES SPECIFICATIONS	
44 pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter		9.5		WEIGHT 70	
45 Filtrate API (cm <sup>3</sup> /30 min)		-		VISCOSITY 71	
46/47 API HT-HP Filtrate (cm <sup>3</sup> /30 min) °F		-		FILTRATE 72	
48/49 Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/>		-		BY AUTHORITY: <input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR	
50 Alkalinity, Mud (Pm) cm <sup>3</sup> N/50 acid		-		<input type="checkbox"/> OPERATORS REPRESENTATIVE <input type="checkbox"/> OTHER	
51/52 Alkalinity, Filtrate P <sub>r</sub> /M <sub>p</sub> cm <sup>3</sup> N/50 acid		5.8/16.21		MUD CONTAINS	
53 Salt <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg Chloride <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg		29,400		RECOMMENDED TREATMENT	
54 Calcium <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg <input type="checkbox"/> lb/bbl		80		<input checked="" type="checkbox"/> LIME	
55 Sand Content (% by Vol.)		TRC		<input checked="" type="checkbox"/> VAN	
56 Solids Content (% by Vol.)		1		74 FLUC	
57 Oil Content (% by Vol.)		-		<input checked="" type="checkbox"/> Sweeps	
58 Water Content (% by Vol.)		99		75	
59 Methylene Blue Capacity (lb/bbl bentonite equiv.)		-		<input type="checkbox"/>	
60 <b>SO3</b>		10		<input checked="" type="checkbox"/> SODIUM	
61				77 SULFITE	
				<input checked="" type="checkbox"/> Scalabin	
				78	

REMARKS — Give operation, depth and nature of any problems encountered:

79 <input type="checkbox"/> Drilling @	<b>Lime</b>	<b>79.80</b>	<b>MUD 242.14</b>
80 <input type="checkbox"/> Salt Water Flow @	<b>See below</b>	<b>77.54</b>	<b>Tax 13.32</b>
81 <input type="checkbox"/> Gas Kick @	<b>Sodium sulf. to</b>	<b>36.84</b>	<b>255.46</b>
82 <input type="checkbox"/> Stuck Pipe @	<b>Van. Fluc</b>	<b>47.96</b>	
83 <input type="checkbox"/> Tight Hole @			
84 <input type="checkbox"/> Lost Returns @			

85 MILCHEM TECH. REP. <b>MIKE GOVERNACE</b>	86 HOME ADDRESS <b>NEOLA</b>	TELEPHONE <b>853-4474</b>
88 MOBILE UNIT	89 WAREHOUSE LOCATION <b>ROOSEVELT</b>	TELEPHONE <b>722-4513</b>

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Date	TVD	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
WELL #		<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>
PRODUCTS		<b>ACCORDIA</b>	<b>Gel</b>	<b>SAH Gel</b>	<b>CEDEAR</b>	<b>MICA</b>	<b>PAPER</b>	<b>Sundert</b>	<b>Strocta</b>	<b>ROC</b>	<b>LIME</b>	<b>Scale</b>	<b>5000</b>	<b>5000</b>	<b>5000</b>	<b>5000</b>	<b>5000</b>
Starting Inventory		10	A3	200	50	45	50	30	2	9	44	5	8	10	2	1/20	
Received																	
Used Last 24 Hrs.																	
Closing Inventory		10	193	200	50	45	50	30	2	9	30	44	6	10	2	1/16	

Oil Mud Data 107	Type:	Bit Information		"N" Med 117
Stability Volts (E.S.) 108		Type <b>WPM 61 F</b>	Rot. Hrs. <b>123 3/4</b>	"K" Med 118
Activity (F.A.C.) 109		Depth in <b>1278</b>	R.P.M. <b>68</b>	"N" Low 119
Oil:Water Ratio 110		W.O.B. <b>40</b>	Noz. <b>13-13-13</b>	"K" Low 120

Supplementary Remarks **TIH No Fill. Dig to 5255'**

**Milchem**

## Drilling Fluids Division

**POST OFFICE BOX 22111, HOUSTON, TEXAS 77227**

MO-124-B-78 REV. (API FORM 47-1)



## DRILLING MUD REPORT

REPORT NO. 9

2	DATE	12-16	1985	3	DEPTH	5734
---	------	-------	------	---	-------	------

A/P WELL NO.	STATE		COUNTY			WELL						S/T

# FIELD SERVICE REPORT

MILCHEM WELL NO.

OPERATOR Wild Rose Resources

ADDRESS Bia

REPORT FOR MR. K Kaltenbacher

CONTRACTOR  
Winrock

ADDRESS  
Big

REPORT FOR MR. B. Hoff

RIG NO. 7

SPUD DATE  
12-8-85

SECTION, TOWNSHIP, RANGE  
34-45-15

WELL NAME AND NO. Rex Lamb 34-2

FIELD OR BLOCK NO.  
Pariette

COUNTY, PARISH OR OFFSHORE  
AREA Wintah

STATE OR PROVINCE  
Utah

OPERATION		CASING		MUD VOLUME (BBL)		CIRCULATION DATA	
PRESENT ACTIVITY		11 SURFACE 12		HOLE 17	PITS 18	PUMP SIZE	ANNULAR VEL. (FT/MIN)
4 Drilling		8 5/8 IN. @ 300 FT.		217	270 ±	5 1/2 x 16 IN.	27
BIT SIZE (IN.)		13 INTERMEDIATE 14		TOTAL CIRCULATING VOLUME		PUMP MAKE	OPPOSITE DP
5 7 7/8 IN. @ 3 FT.		IN. @ FT.		19	487	EMS CO	203
DRILL PIPE SIZE	TYPE	15 PRODUCTION OR LINER 16		IN STORAGE		MODEL 23	OPPOSITE COLLAR
7 4 1/2 IN. @ XH FT.		IN. @ FT.		20		D-500	370
DRILL COLLAR SIZE LENGTH						BBL/STROKE	CIRCULATING 29
9 6 1/4 IN. @ 84 FT.		MUD 32				STROKE/MIN	PRESSURE PSI
		TYPE H2O				24 127	1400
						BBL/MIN.	30
						28 3.13 / 341	27
							BOTTOMS UP (MIN.)
							SYSTEM 31
							TOTAL (MIN.)
							60

Sample from <input type="checkbox"/> Flowline Flowline Temperature		<input type="checkbox"/> Pit *F 33		MUD PROPERTIES		EQUIPMENT									
						SIZE					HRS/TOUR				
34	Time Sample Taken	0600				Centrifuge <sup>62</sup>					Desilter <sup>65</sup>				
35	Depth (ft)	5734				Degasser <sup>63</sup>					Shaker <sup>66</sup>				
36	Weight <input type="checkbox"/> (lb/gal) <input type="checkbox"/> (lb/cu ft)	8.7+				Desander <sup>64</sup>					Other <sup>67</sup>				
37	Mud Gradient (psi/ft)	452				DAILY COST <sup>68</sup>					CUMULATIVE COST <sup>69</sup>				
38	Funnel Viscosity (sec/qt) API @	28				302					2130				
39/40	Plastic Viscosity cp @	-				MUD PROPERTIES SPECIFICATIONS									
41	Yield Point (lb/100 sq ft)	-				WEIGHT 70					VISCOSITY 71				
42/43	Gel Strength (lb/100 sq ft) 10 sec/10 min	7		1	1	BY AUTHORITY:					<input type="checkbox"/> OPERATOR'S WRITTEN <input type="checkbox"/> DRILLING CONTRACTOR <input type="checkbox"/> OPERATORS REPRESENTATIVE <input type="checkbox"/> OTHER				
44	pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter	9.5				MUD CONTAINS					RECOMMENDED TREATMENT				
45	Filtrate API (cm <sup>3</sup> /30 min)	-				<input checked="" type="checkbox"/> LIME <sup>73</sup>					3-4 5x/1 tour				
46/47	API HT-HP Filtrate (cm <sup>3</sup> /30 min)	-				<input checked="" type="checkbox"/> VLV <sup>74</sup>					AS NEEDED to keep water clean.				
48/49	Cake Thickness 32nd in API <input type="checkbox"/> HT-HP <input type="checkbox"/>	-				<input checked="" type="checkbox"/> FIOC <sup>75</sup>					IF NEEDED + @ T.O. mix a 50 bbl pill with 1/2				
50	Alkalinity, Mud (Pm) cm <sup>3</sup> N/50 acid	-				<input checked="" type="checkbox"/> SWEEP <sup>76</sup>					CAN ALCOMER 120 5 2				
51/52	Alkalinity, Filtrate P <sub>r</sub> /M <sub>p</sub> cm <sup>3</sup> N/50 acid	6.1/16.5		1	1	<input type="checkbox"/>					5x PAPER				
53	Salt <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg Chloride <input type="checkbox"/> mg/1000cm <sup>3</sup> <input type="checkbox"/> gpg	26,000				<input checked="" type="checkbox"/> SODIUM <sup>77</sup>					1 5x/1 tour				
54	Calcium <input type="checkbox"/> mg/1000cm <sup>3</sup> Gyp <input type="checkbox"/> lb/bbl	40				<input checked="" type="checkbox"/> Sulfate <sup>78</sup>					1 can Daylights Only & 1 can before the next				
55	Sand Content (% by Vol.)	TRC													
56	Solids Content (% by Vol.)	1 1/4													
57	Oil Content (% by Vol.)	TRC													
58	Water Content (% by Vol.)	98 3/4													
59	Methylene Blue Capacity (lb/bbl bentonite equiv.)	-													
60	03	10													
61															

REMARKS — Give operation, depth and nature of any problems encountered:

79	<input type="checkbox"/> Drilling @	*** Call me at 6,275'.	MUD	286.14
80	<input type="checkbox"/> Salt Water Flow @		Tax	15.74
81	<input type="checkbox"/> Gas Kick @	LIME 74.10		
82	<input type="checkbox"/> Stuck Pipe @	Sealaban 77.54		301.88
83	<input type="checkbox"/> Tight Hole @	Sodium Sulf. to 110.52		
84	<input type="checkbox"/> Lost Returns @	Van Fluor 23.98		

85 MILCHEM TECH. REP.	MIKE GOVERNALE	HOME ADDRESS 86	NEOLA	TELEPHONE	353 4474
88 MOBILE UNIT		WAREHOUSE LOCATION 89	ROOSEVELT	TELEPHONE	722 4513

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Date _____	TVD _____																
WELL # _____		91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
PRODUCTS		ALKOLMER 120	Gel	SALT GEL	CEDAR	MKA	PAPER	SANDSTAY	Stearate	DAC	LIME	SILICA	SODIUM SULFATE	CAUSTIC	SODA ASH	W.O. DEFOAM	VAN FLUOR
Starting Inventory		10	193	200	50	45	50	30	2	9	30	4	6	10	2	1/16	
Received																	
Used Last 24 Hrs.																	
Closing Inventory		10	193	200	50	45	50	30	2	9	13	1	3			2	
											17	3	3	10	2	1/14	

Oil Mud Data 107	Type:	Bit Information		"N" Med 117
Stability Volts (E.S.) 108		Type <i>Wm 61 F</i>	Rot. Hrs. <i>113 2 1/2</i>	"K" Med 118
Activity (F.A.C.) 109		Depth in <i>4878</i>	R.P.M. <i>68</i>	"N" Low 119
Oil:Water Ratio 110		W.O.B. <i>40</i>	Noz. <i>113-13-13</i>	"K" Low 120

Supplementary Remarks<sup>121</sup> Drip to 5734'. CENLORIDES STABILIZED

To Sam  
 Date 12/19/85 Time 9:27  
**While You Were Out**  
 M Steve Szabo  
 of -EPA-  
 Phone 303-293-1723  
 AREA CODE NUMBER EXTENSION

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
WAS IN TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	
RETURNED YOUR CALL			

Message Concerning a spill  
by Vernal - they are  
working on and need  
some information

SR  
 Operator

CHALLENGER® 01761

TIOGA, N.D.  
701-664-3438

WATFORD CITY, N.D.  
701-842-3672

CASPER, WYO.  
307-265-2965

ROCK SPRINGS, WYO.  
307-362-7006

VERNAL, UTAH  
801-789-4353

FT. LUPTON, COLO.  
303-534-5153

AURORA, COLO.  
303-344-4750

FARMINGTON, N.M.  
505-327-4421

CANADIAN, TEX.  
806-323-5376

ODESSA, TEX.  
915-366-4401

LEVELLAND, TEX.  
806-894-5062

ELK CITY, OKLA.  
405-225-4462

HOUMA, LA.  
504-876-3280

LAFAYETTE, LA.  
318-233-9760

MORGAN CITY, LA.  
504-384-0451

VENICE, LA.  
504-534-2655

BROOKHAVEN, MISS.  
601-833-5361

Rex Lamb #34-2

Wildrose Resources  
 SENE Sec. 34, T4S, R1E  
 Uintah Co.

- Reserve pit broke  
 est. approx. 100,000 gal  
 by BLM ref.





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

**RECEIVED**

December 20, 1985

**DEC 23 1985**

TO: JOHN BAZA

DIVISION OF OIL  
CALIFORNIA

FROM: ED DEPUTY

RE: Breached reserve pit at Wildrose Resources,  
Rex Lamb #34-2, Sec. 34-T4S-R1E, Uintah Co.

At 4:00 PM December 18, 1985, I received a telephone call from the BLM, Vernal office informing me that the reserve pit at the above location had been breached and a spill had occurred. The BLM estimated the spill to be 100,000 gal.

I arrived on location at 6:00PM. There were no representatives from Wildrose Resources or Winrock Drilling present at this time. Mr. Rex Lamb, the landowner, was present. Mr. Lamb's impressions were that there was not a significant amount of oil in the spill to be detrimental to his livestock in the area or the environment.

The breach occurred in the SE corner of the reserve pit. The breach is approximately 2 ft wide, 2 ft deep, and 12 ft long, the sidewall length. The breach cut through fill material and ceased where the pit is constructed in cut material. The spill ran down a gentle slope approximately 60 ft and into a drainage.

The morning of December 19, 1985, I returned to take photographs and more accurately assess the damage. Mr. Kary Kaltenbacher of Wildrose Resources was present at that time. Mr. Kaltenbacher and I walked the length of the drainage until it feed into Pariette Draw, approximately one mile. The drainage where the spill ran into has an intermittent flow and is dry at this time. Pariette Draw has flowing water beneath a thin ice cover.

The majority of the oil is within one half mile of location. The oil is mostly Green River crude with a high pour point and some rig use diesel fuel. The crude has formed globes and balls becoming smaller away from location. It is dispersed in the drainage bottom, but it has accumulated in depressions, on some vegetation, and against some rocks. The major accumulations are near location and beneath a cliff 100 yds SW of where the drainage crosses the road. The oil has settled in small pools beneath the cliff. There is no evidence that oil reached Pariette Draw.

According to Mr. Kaltenbacher, a water bearing zone was encountered during drilling at approximately 3500 ft. It was making approximately 200 BWP. Water haulers were making several runs daily to attempt to keep the reserve pit fluid level at least one foot below the top of the pit. In preparation for rig down, December 18, Winrock Drilling emptied the mud tanks into the reserve pit causing an overflow of approximately 50 bbls. Rig hands shoveled around the sidewall to contain the spill. Mr. Kaltenbacher believes that the overflow saturated the sidewall and undercutting caused the breach. A contributing factor might be the three corner fence stakes where the breach occurred.

The reserve pit is approximately 40 X 80 ft. The fluid depth varied from 1 to 2 ft due to the shall cuttings in the north end. A rough estimate of the volume discharged is 38,000 gal. The total volume of oil discharged is approximately 50 to 75 gal.

It is reasonable to assume that the reserve pit breach and subsequent spill could have been averted if Winrock Drilling would have waited and allowed the water hauler to sufficiently lower the pit fluid level to contain the drilling mud emptied from the tanks.

Mr. Kaltenbacher has hired a crew from Flint Engineering to conduct the clean-up. Clean-up will be accomplished by shoveling as much of the oil as possible into sacks and hauling it away. The clean-up will be conducted on December 20, 1985.

*ED Deputy*

ED DEPUTY



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Pow  
Well file  
Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

RECEIVED

021914

December 20, 1985

DEC 23 1985

TO: JOHN BAZA

DIVISION OF OIL  
MINING

FROM: ED DEPUTY

RE: Breached reserve pit at Wildrose Resources,  
Rex Lamb #34-2, Sec. 34-T4S-R1E, Uintah Co. 43-047-31692

At 4:00 PM December 18, 1985, I received a telephone call from the BLM, Vernal office informing me that the reserve pit at the above location had been breached and a spill had occurred. The BLM estimated the spill to be 100,000 gal.

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*ED Deputy*

ED DEPUTY

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

071710

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED  
JUL 14 1986

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
			DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>	
2. NAME OF OPERATOR Wildrose Resources Corporation					
3. ADDRESS OF OPERATOR 2555 Cherryridge Road, Englewood, CO 80110					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2018' FNL & 1068' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$ ) At top prod. interval reported below Same At total depth Same					
14. PERMIT NO.		DATE ISSUED			
43-047-31692		11/19/85			
5. LEASE DESIGNATION AND SERIAL NO.		Fee			
6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME					
8. SURFACE OR LEASE NAME Rex Lamb					
9. WELL NO. 34-2					
10. FIELD AND POOL, OR WILDCAT Wildcat					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 34 - T4S - R1E					
12. COUNTY OR PARISH Utah		13. STATE Utah			
15. DATE SPUDDED 11/26/85	16. DATE T.D. REACHED 12/17/85	17. DATE COMPL. (Ready to prod.) 1/12/86	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4932' GR	19. ELEV. CASINGHEAD 4932'	
20. TOTAL DEPTH, MD & TVD 6350'	21. PLUG, BACK T.D., MD & TVD 6259'	22. IF MULTIPLE COMPL., HOW MANY* ---	23. INTERVALS DRILLED BY ---	ROTARY TOOLS 0' - TD	CABLE TOOLS ---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4609' - 6146' Green River					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, FDC-CNL, CBL					27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	317'	12-1/4"	200 sx (to surface)	---
5-1/2"	14 & 15 $\frac{1}{2}$	6319'	7-7/8"	820 sx	---
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
N/A					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-7/8"	6170'	No			
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
6133'-6146' w/ 3 SPF (40 holes)			DEPTH INTERVAL (MD)		
4609'-4621' w/ 3 SPF (37 holes)			6133'-6146'		
			AMOUNT AND KIND OF MATERIAL USED		
			25,600 gal x-link gelled water & 49,600 # sand		
			4609'-4621'		
			26,900 gal x-link gelled water & 46,000 # sand		

33.* PRODUCTION							
DATE FIRST PRODUCTION 1/12/86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - beam				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/27/86	HOURS TESTED 24	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD ---	OIL—BBL. 56	GAS—MCF. 20	WATER—BBL. 21	GAS-OIL RATIO 357
FLOW. TUBING PRESS. ---	CASING PRESSURE 300 psi	CALCULATED 24-HOUR RATE ---	OIL—BBL. 56	GAS—MCF. 20	WATER—BBL. 21	OIL GRAVITY-API (CORR.) 30	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel & vented						TEST WITNESSED BY E. Wilcken	
35. LIST OF ATTACHMENTS DLL, FDC-CNL, CBL							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Kerry A. Kattenbach TITLE Vice PresidentDATE 5/15/86

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

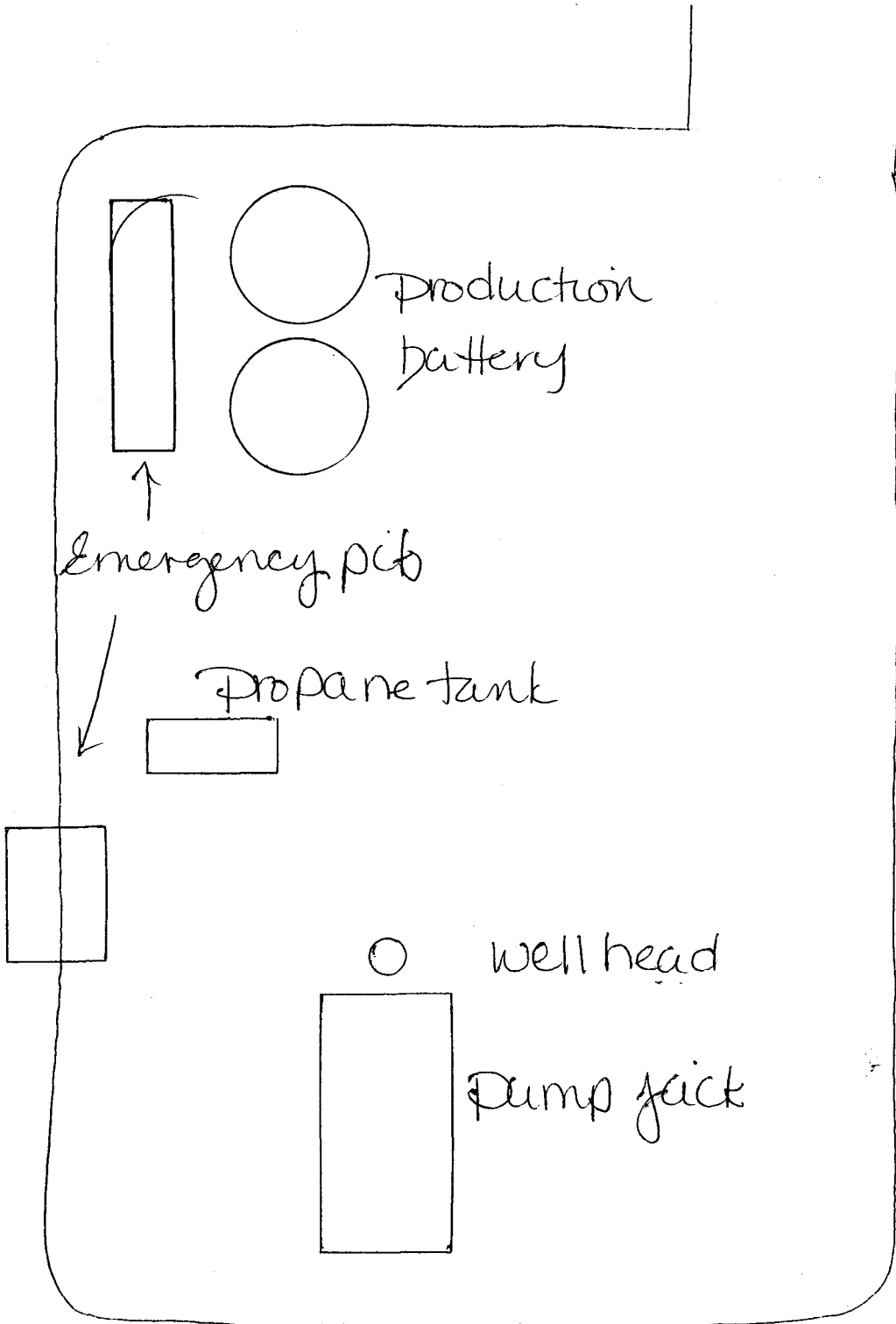
## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1823'	1823'
				Wasatch Tongue	6250'	6250'

31692

Rex Lamb 34-2 Sec 34, T4S0, R1E Kuby 5/15/89





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 14, 1990

CERTIFIED RETURN RECEIPT REQUESTED  
P 657 443 063

Wildrose Resources Corporation  
2555 Cherryridge Road  
Englewood, Colorado 80110

Gentlemen:

Re: Oil and Gas Well Performance Bond - Rex Lamb 34-1 and 34-2 Wells, Section 34, Township 4 South, Range 1 East, Uintah County, Utah

Wildrose Resources Corporation is the operator of record of the referenced wells. Section 40-6-5(2)(f), Utah Code Annotated, states that an operator shall furnish a reasonable performance bond or other good and sufficient surety conditioned for the performance of the duty to plug each dry or abandoned well, repair each well causing waste or pollution, and maintain and restore the well site.

Wildrose Resources Corporation has failed to comply with this provision to furnish a reasonable bond. If non-compliance continues for thirty (30) days after receipt of this letter, the Division will recommend to the Board of Oil, Gas and Mining that it order Wildrose Resources Corporation to appear at the May 24, 1990 hearing and show cause why Wildrose Resources Corporation has not furnished a bond for the Rex Lamb 34-1 and 34-2 wells.

Sincerely,

R.J. Firth

Associate Director, Oil and Gas

ldc

cc: Dianne R. Nielson, Director  
Board of Oil, Gas and Mining

WOI58/2



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. WELL NAME and NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company <i>N5160</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY <i>Denver</i> STATE <i>Co</i> ZIP <i>80202</i>		10. FIELD AND POOL OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: STATE: <i>UTAH</i>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation *N9660*  
3121 Cherryridge Road  
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Previous Operator Signature:

Title:

NAME (PLEASE PRINT) <i>Marc MacAluso</i>	TITLE <i>CEO, Wildrose Resources Corporation</i>
SIGNATURE <i>[Signature]</i>	DATE <i>4/15/04</i>

(This space for State use only)

RECEIVED

APR 26 2004

DIV. OF OIL, GAS &amp; MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company <i>N5160</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY <i>Denver</i> STATE <i>Co</i> ZIP <i>80202</i>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		8. WELL NAME and NUMBER: See Attached Exhibit
QTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <i>UTAH</i>		9. API NUMBER:
PHONE NUMBER: <i>(303) 893-0102</i>		10. FIELD AND POOL OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
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Attached is a list of wells included.

Current Contract Operator Signature: \_\_\_\_\_

Title: \_\_\_\_\_

NAME (PLEASE PRINT) *Bill I. Pennington*

TITLE *President, Inland Production Company*

SIGNATURE *Bill I. Pennington*

DATE *4/15/04*

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

**RECEIVED**  
**APR 26 2004**  
DIV. OF OIL, GAS & MINING

EXHIBIT "A"  
Attached to Sundry Notices

Wildrose Resources Corporation  
and  
Inland Production Company

U/M	Well	Comp	Env	Loc	SS	Dir	Wp	Rm	Co	Lease	Type
N	4304731528 REX LAMB 34-1	WR	4932° GR	2118 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE	OW
N	4304731892 REX LAMB 34-2	WR	4932° GR	2018 FNL 1088 FEL	34	SENE	040S	010E	UTA	FEE	OW
N	4301331914 HARBOURTOWN FED 21-33	WR	5129° GR	0813 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368	OW
N	4301331915 HARBOURTOWN FED 42-33	WR	5128° GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368	OW
N	4301331916 HARBOURTOWN FED 23-34	WR	5088° GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368	OW
N	4301331917 HARBOURTOWN FED 44-34	WR	5063° GL	0835 FSL 0500 FEL	34	SESE	080S	170E	DU	U-71368	OW
N	4304732080 FEDERAL #23-26	WR	4910° KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-38442	OW
N	4304732700 FEDERAL 24-26	WR	4913° GR	0660 FSL 1980 FWL	26	SESW	080S	180E	UTA	U-38442	OW
N	4304732720 FEDERAL 13-26	WR	4903° GR	2018 FSL 0832 FWL	26	NWSW	080S	180E	UTA	U-38442	OW
N	4304732731 FEDERAL 12-26	WR	4924° GR	2958 FSL 0470 FWL	26	SWNW	080S	180E	UTA	U-36442	GW
N	4304732847 FEDERAL 34-26	WR	4907° GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532	OW
N	4304732732 FEDERAL 43-27	WR	4862° GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-38442	OW
N	4304732733 FEDERAL 14-28	WR	4902° GR	0860 FSL 0848 FWL	28	SWSW	080S	180E	UTA	U-51081	OW
N	4304732743 FEDERAL 13-28	WR	4955° GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-38442	OW
N	4304731484 PARIETTE FED 10-29	WR	4890° GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081	OW
N	4304731850 W PARIETTE FED 8-29	WR	4892° GR	1978 FNL 2141 FWL	29	SENW	080S	180E	UTA	U-36846	OW
N	4304732079 FEDERAL 44-29	WR	4993° KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081	OW
N	4304732701 FEDERAL 43-29	WR	4886° GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081	OW
N	4304732742 FEDERAL 34-29	WR	4917° GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081	OW
N	4304732848 PARIETTE FED 32-29	WR	4870° GR	1942 FNL 1786 FEL	29	SWNE	080S	180E	UTA	U-36846	OW
N	4304731116 NGC ST 33-32	WR	4930° GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058	OW
N	4304732077 FEDERAL 12-34	WR	4845° KB	1571 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081	OW
N	4304732702 FEDERAL 42-35	WR	4815° GR	1955 FNL 0463 FEL	35	SENE	080S	180E	UTA	U-51081	OW
N	4304732721 FEDERAL 43-35	WR	4870° GR	2077 FSL 0696 FEL	35	NESE	080S	180E	UTA	U-49430	OW
N	4304731345 GULF STATE 36-13	WR	4831° GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22057	OW
N	4304731350 GULF STATE 36-11	WR	4837° GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057	OW
N	4304731864 GULF STATE 36-12	WR	4882° GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057	OW
N	4304731892 GULF STATE 36-22	WR	4923° GR	1860 FNL 1980 FWL	36	SENW	080S	180E	UTA	ML-22057	OW
N	4304732580 UTD STATE 36-K	WR	4809° GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057	OW
N	4304732581 UTD STATE 36-M	WR	4744° KB	0848 FSL 0648 FWL	36	SWSW	080S	180E	UTA	ML-22057	OW
N	4304731415 WILDROSE FEDERAL 31-1	WR	4871° GR	2051 FSL 0683 FWL	31	NWSW	080S	190E	UTA	U-30103	OW
N	4301330642 MONUMENT BUTTE 1-3	WR	5156° GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004	OW
N	4301330810 MONUMENT BUTTE 2-3	WR	5107° GR	1918 FNL 1979 FWL	03	SENW	090S	170E	DU	U-44004	OW
N	4301331780 PINEHURST FEDERAL 3-7	WR	5096° GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	81252	OW
N	4301331761 PINEHURST FEDERAL 3-8	WR	5030° GR	1990 FNL 0660 FEL	03	SENE	090S	170E	DU	61252	OW
N	4301331764 RIVIERA FEDERAL 3-11	WR	5123° GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004	OW
N	4301332183 RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004	OW
N	4301332184 RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004	OW
N	4301331023 FEDERAL 15-1-B	WR	5177° GR	0660 FNL 1983 FEL	15	NWNE	090S	170E	DU	U-44429	OW
N	4304732777 BIRKDALE FED 13-34	WR	5067° GR	1768 FSL 0615 FWL	34	NWSW	090S	180E	UTA	U-68618	OW

END OF EXHIBIT

RECEIVED  
APR 26 2004  
DIV. OF OIL, GAS & MINING

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**4/15/2004****FROM: (Old Operator):**

N9660-Wildrose Resources Corporation  
 3121 Cherryridge Road  
 Englewood, CO 80110-6007  
 Phone: 1-(303) 761-9965

**TO: ( New Operator):**

N5160-Inland Production Company  
 1401 17th St, Suite 1000  
 Denver, CO 80202  
 Phone: 1-(303) 893-0102

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 43-35	35	080S	180E	4304732721	✓ 11830	Federal	S	OW
WILDROSE FEDERAL 31-1	31	080S	190E	4304731415	✓ 9535	Federal	S	OW
MONUMENT BUTTE 1-3	03	090S	170E	4301330642	✓ 1515	Federal	P	OW
MONUMENT BUTTE 2-3	03	090S	170E	4301330810	✓ 1521	Federal	P	OW
PINEHURST FEDERAL 3-7	03	090S	170E	4301331760	✓ 12108	Federal	P	OW
PINEHURST FEDERAL 3-8	03	090S	170E	4301331761	✓ 12107	Federal	P	OW
RIVIERA FEDERAL 3-11	03	090S	170E	4301331764	✓ 12118	Federal	P	OW
RIVIERA FED 3-9	03	090S	170E	4301332183	✓ 13596	Federal	TA	OW
RIVIERA FED 3-10	03	090S	170E	4301332184	✓ 13597	Federal	TA	OW
FEDERAL 15-1-B	15	090S	170E	4301331023	✓ 10201	Federal	S	OW
BIRKDALE FED 13-34	34	090S	180E	4304732777	✓ 12007	Federal	S	OW
REX LAMB 34-1	34	040S	010E	4304731528	✓ 9690	Fee	S	OW
REX LAMB 34-2	34	040S	010E	4304731692	✓ 9691	Fee	S	OW
NGC ST 33-32	32	080S	180E	4304731116	✓ 6210	State	P	OW
GULF STATE 36-13	36	080S	180E	4304731345	✓ 45	State	P	OW
GULF STATE 36-11	36	080S	180E	4304731350	✓ 40	State	P	OW
GULF STATE 36-12	36	080S	180E	4304731864	✓ 11002	State	S	OW
GULF STATE 36-22	36	080S	180E	4304731892	✓ 11095	State	P	OW
UTD STATE 36-K	36	080S	180E	4304732580	✓ 11752	State	P	OW
UTD STATE 36-M	36	080S	180E	4304732581	✓ 11749	State	S	OW

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/26/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/26/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/10/20034. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: applied for

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 4/28/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/28/2004
3. Bond information entered in RBDMS on: 4/28/2004
4. Fee wells attached to bond in RBDMS on: 4/28/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 4/28/2004

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 4021509 Wildrose

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RN4471290
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 4/28/2004

**COMMENTS:**



## Office of the Secretary of State

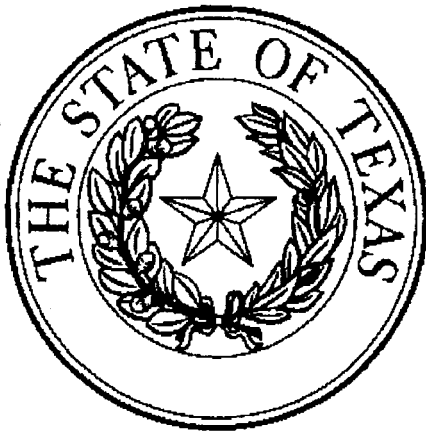
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
REX LAMB 34-1	34	040S	010E	4304731528	9690	Fee	OW	P	
REX LAMB 34-2	34	040S	010E	4304731692	9691	Fee	OW	P	
MONUMENT FED 13-25	25	080S	170E	4304732527	11835	Federal	NA	PA	K
FEDERAL #23-26	26	080S	180E	4304732080	11265	Federal	OW	P	
PARIETTE FED 10-29	29	080S	180E	4304731464	1428	Federal	OW	P	
W PARIETTE FED 6-29	29	080S	180E	4304731550	10975	Federal	OW	P	
FEDERAL 44-29	29	080S	180E	4304732079	11267	Federal	OW	S	
STATE 31-32	32	080S	180E	4304732500	11645	State	OW	S	
FEDERAL 12-34	34	080S	180E	4304732077	11276	Federal	OW	S	
GULF STATE 36-12	36	080S	180E	4304731864	11002	State	OW	S	
GULF STATE 36-22	36	080S	180E	4304731892	11095	State	OW	P	
UTD STATE 36-K	36	080S	180E	4304732580	11752	State	OW	S	
UTD STATE 36-M	36	080S	180E	4304732581	11749	State	OW	S	
WILDROSE FEDERAL 31-1	31	080S	190E	4304731415	9535	Federal	OW	TA	
FEDERAL 44-14Y	14	090S	170E	4304732438	11506	Federal	OW	P	
21BALCRON FED 31-5Y	05	090S	180E	4304732503	11680	Federal	OW	S	
FEDERAL 15-8-9-18	08	090S	180E	4304731547	10275	Federal	OW	S	
BALCRON FED 41-19Y	19	090S	180E	4304732504	11651	Federal	OW	P	
UTD CHASEL 24-14	24	090S	180E	4304732566	11798	Federal	OW	S	
FEDERAL 41-29	29	090S	180E	4304732495	11646	Federal	OW	S	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:



6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005  
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

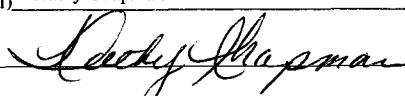
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Newfield Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: REX LAMB 34-2
PHONE NUMBER 435.646.3721		9. API NUMBER: 4304731692
10. FIELD AND POOL, OR WILDCAT: Monument Butte		
O/T/R, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NE, 34, T4S, R1E		COUNTY: Uintah STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION	SubDate
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Recompletion
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  06/15/2005			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well had recompletion procedures initiated in the Green River formation. Existing production equipment was pulled from well. A bit and scraper were run in well. Three new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP3 sand @ 6051-6058', 6018-6026', CP2 5975-5983' w/4 JSPF, w/65,138#s of 20/40 sand in 514 bbls lightning 17 frac fluid. Stage #2: C sands @ 5396-5412', w/4 JSPF, w/39,510#s of 20/40 sand in 340 bbls of lightning 17 frac fluid. Stage #3: D3 sands @ 5242-5250', w/4 JSPF, w/16,555#s of 20/40 sand in 150 bbls of lightning 17 frac fluid. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & revised production tbg string were run and anchored in well w/tubing @ 6078', pump seating nipple @ 6114', and end of tubing string @ 6180. A 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 5-27-05.

NAME (PLEASE PRINT) Kathy Chapman	TITLE Office Manager
SIGNATURE 	DATE 06/16/2005

(This space for State use only)

**RECEIVED**  
**JUN 1 / 2005**  
DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 2, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6121

Mr. Mike Guinn  
Newfield Production Company  
Route 3 Box 3630  
Myton, UT 84052

43 047 31692  
Rex Lamb 34-2  
AS IE 3A

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Mr. Guinn:

As of July 2008, Newfield Production Company (Newfield) has two (2) Fee Lease Wells and twenty (20) State Mineral Lease Wells (see attachment A) in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

Several wells on the attached list have been denied for extended SI/TA. There has been only one response since these denials were issued. In a sundry notice signed and dated February 17, 2005, Newfield stated they "intend to Plug and Abandon the well (State 16-2 API# 43-013-30552) .... upon signature approval, the procedure will begin." Based on this report, the Division granted SI/TA extension for this well until September 1, 2005. More than sufficient time has passed to accomplish the P&A on this well. To date, the Division has not received a sundry to P&A this well. Please address this matter promptly by including required documents for this and all wells listed on Attachment A.

For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and



Page 2  
September 2, 2008  
Mr. Guinn

3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

JP/js  
Enclosure

cc: Jim Davis, SITLA  
Wells File  
Compliance File

## ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	State 16-2	43-013-30552	Sate	27 Years 4 Months
2	Wells Draw ST 7-36	43-013-30934	ML-21835	3 Years 4 Months
3	Ashley ST	43-013-32574	ML-43538	1 Year 4 Months
4	Dugout Creek ST	43-007-31022	ML-48660	3 Years 0 Months
5	Dugout Creek 22-16	43-007-31023	ML-48599	2 Years 8 Months
6	NGC ST 33-32	43-047-31116	ML-22058	1 Year 2 Months
7	Gulf State 36-13	43-047-31345	ML-22057	2 Years 0 Months
8	Gulf State 36-12	43-047-31864	ML-22057	1 Year 0 Months
9	Gulf State 36-22	43-047-31892	ML-22057	1 Year 5 Months
10	State 31-32	43-047-32500	State	1 Year 7 Months
11	UTD State 36-M	43-047-32581	State	3 Years 11 Months
12	Sundance ST 3-32	43-047-32741	ML-22058	1 Year 2 Months
13	Castle Draw 1-2-9-17	43-047-32843	State	4 Years 0 Months
14	Castle Draw 9-2-9-17	43-047-33238	State	1 Year 0 Months
15	Sundance 9-32-8-18	43-047-34460	State	4 Years 7 Months
16	Sundance 16-32-8-18	43-047-34466	State	4 Years 6 Months
17	State 15-2-9-18	43-047-35780	ML-48377	1 Year 11 Months
18	State 14-2-9-18	43-047-35781	ML-48377	2 Years 0 Months
19	State 13-2-9-18	43-047-35782	ML-48377	1 Year 11 Months
20	State 12-2-9-18	43-047-35783	ML-48377	2 Years 0 Months
21	Rex Lamb 34-2	43-047-31692	Fee	1 Year 11 Months
22	Anna Belle 31-2-J	43-047-31698	Fee	1 Year 4 Months



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 14, 2012

CERTIFIED MAIL NO.: 70110110000135682301

Mr. Tom Walker  
Newfield Production Company  
Route 3 Box 3630  
Myton, UT 84052

43 047 31692  
Rex Lamb 34-2  
4S 1E 3A

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Walker:

The Division of Oil, Gas and Mining (Division) would like to bring to the attention that Newfield Production Company (Newfield) has recently had three (3) State Lease Wells and one (1) Fee Lease Well added (see attachment A) as being in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. One (1) additional State Lease Well has previously been issued a First Notice of SI/TA non-compliance. Newfield also has five (5) State Lease Wells that are past due on extended SI/TA status, which expired at the end of this summer (attachment A.) The Division recognizes that recent MIT's have been completed on these wells. For an extension to be considered, a sundry requesting extension with reason for extension needs to be submitted for each well (See Requirements Below.)

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



Page 2  
Newfield Production Company  
September 14, 2012

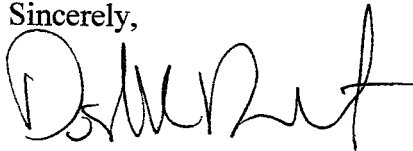
Please note that the Divisions preferred method for showing well integrity is by MIT.

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/ear

cc: LaVonne Garrison, SITLA  
Compliance File  
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Extension Expires
<b>Previously Received 1<sup>st</sup> Notice</b>					
1	CASTLE PK ST 43-16	43-013-30594	ML-16532	2 Years 1 Month	
<b>1<sup>st</sup> Notice</b>					
2	ASHLEY ST 6-2-9-15	43-013-32584	ML-43538	1 Year 6 Months	
3	NGC ST 33-32	43-047-31116	ML-22058	1 Year 5 Months	
4	REX LAMB 34-2	43-047-31692	FEE	1 Year 7 Months	
5	ODEKIRK SPRING 10-36-8-17	43-047-33198	ML-44305	1 Year 3 Months	
<b>Past due SI/TA Extension</b>					
6	STATE 16-2	43-013-30552	ML-3453B	38 Years 9 Months	
7	SUNDANCE 16-32-8-18	43-047-34466	ML-22058	8 Years	
8	GULF STATE 36-22	43-047-31892	ML-22057	5 Years 3 Months	
9	GULF STATE 36-13	43-047-31345	ML-22057	4 Years 6 Months	
10	GULF STATE 36-12	43-047-31864	ML-22057	3 Years 3 Months	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: REX LAMB 34-2	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047316920000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2018 FNL 1068 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 34 Township: 04.0S Range: 01.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>10/5/2012</b>	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input checked="" type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Deemed uneconomic at current oil prices and operating expenses to repair a hole in the tubing. Well to remain SI until oil prices increase to a level providing an economic payout of a workover. May be able to bring on after winter since well runs on propane during the winter. Will re-run economics after winter.

**REQUEST DENIED**  
**Utah Division of**  
**Oil, Gas and Mining**

Date: November 19, 2012

By: Derek Quist

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 10/5/2012



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047316920000**

**No showing of integrity. Reason for extension very weak. (If it is not economic in this price structure for oil and looking at production history it probably won't be economic.)**

Rex Lamb#34-2

Spud Date: 11/26/85  
Put on Production: 1/12/86

Initial Production: 56 BOPD,  
20 MCFD, 21 BWPD

GL: 4932' KB:

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (302')  
DEPTH LANDED: 317' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 14# & 15.5#  
LENGTH: 20 jts (15.5#, 823') & 135 jts (14#, 5496")  
DEPTH LANDED: 6319' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 190 sxs BJ Lite & 630 sxs Class "H"  
CEMENT TOP AT: 3100' per CBL 12/25/85

TUBING (GI 5/27/05)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 187 jts (6064.21')  
TUBING ANCHOR AT: 6078.21'  
NO. OF JOINTS: 1 jts (32.55')  
SEATING NIPPLE: 2-7/8" (1.1')  
SEATING NIPPLE AT: 6113.56'  
NO. OF JOINTS: 2 jt (65.17')  
NOTCHED COLLAR: 2-7/8" (0.45')  
TOTAL STRING LENGTH: EOT @ 6180.28

SUCKER RODS (GI 5/27/05)

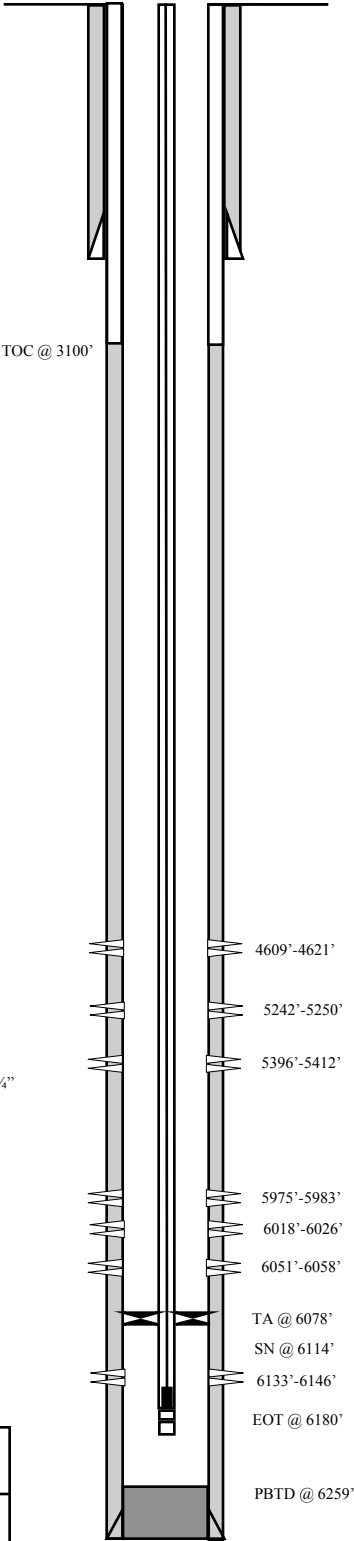
POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4', 8', 8' x 3/4" pony rods. 90 x 3/4" guided rods, 114 x 3/4" slick rods, 35 x 3/4" scraper rods, 4 x 1-1/2" weight bars  
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC

FRAC JOB

12/27/85	6133'-6146'	<b>Frac zones as follows:</b> 49,600# 20/40 sand in 25,600 gal gelled wtr.
1/4/86	4609'-4621'	<b>Frac zones as follows:</b> 46,000# 20/40 sand in 26,900 gal gelled wtr.
5/24/05	5975'-6058'	<b>Frac zones as follows:</b> 95,138# 20/40 sand in 514 bbls lightning 17. Avg pressure 2941 psi @ 14.4 BPM. ISIP 1350 psi
5/25/05	5396-5412'	<b>Frac zones as follows:</b> 39,510# 20/40 sand in 340 bbls lightning 17. Avg pressure 4023 psi @ 14.2 BPM. ISIP 2000 psi
5/25/05	5242-5250'	<b>Frac zones as follows:</b> 16,555# 20/40 sand in 150 bbls lightning 17. Avg pressure 3577 psi @ 14.2 BPM. ISIP 1650 psi

PERFORATION RECORD

12/25/85	6133'-6146'	3 JSFP	40 holes
1/3/86	4609'-4621'	3 JSFP	37 holes
5/24/05	6051'-6058'	4 JSPE	28 holes
5/24/05	6018'-6026'	4 JSPE	32 holes
5/24/05	5975'-5983'	4 JSPE	32 holes
5/24/05	5396'-5412'	4 JSPE	64 holes
5/24/05	5242'-5250'	4 JSPE	32 holes



Rex Lamb #34-2-4-1

2018' FNL & 1068' FEL  
SENE Section 34-T4S-R1E

Uintah Co, Utah

API #43-047-31692; Lease #FEE

TD @ 6350'